

# CellAdvisor 5G and OneAdvisor 800 Radio Analysis Module Programing Manual

This document(Document No. 22134234. Rev.20.0) provides instructions for using the commands of VIAVI CellAdvisor 5G and OneAdvisor 800 Radio Analysis Module. Topics covered in this document include the following:

• Connection via the Ethernet interface .....	4
Direct connection.....	4
Connection via a local network.....	4
Connection via USB TMC.....	5
Protocol used .....	5
• SCPI command structure.....	5
Format of commands .....	5
Syntax of commands.....	5
Parameters.....	6
Querying.....	6
• Common commands.....	7
*CLS.....	7
*IDN?.....	7
• Spectrum Measurement Commands .....	8
Frequency .....	8
Amplitude .....	13
Channel number.....	28
Span.....	32
Resolution Bandwidth (RBW) .....	35
Trace .....	38
Marker .....	47
Sweep .....	63
Limit.....	67
Trigger.....	80
Configure.....	82

• Measurement Commands.....	83
Measurement Mode .....	83
Spectrum Analyzer .....	87
Interference Analyzer .....	113
Real-time Spectrum Analyzer.....	114
5G TF Signal Analyzer .....	115
Channel Scanner.....	120
Power Meter .....	122
System Information .....	123
System Sense .....	124
System Debugging .....	124
System Actions.....	124
System Configuration .....	126
HW Configuration (for Calibration) .....	127
• 5G NR Signal Analysis Commands .....	127
• LTE Measurement Commands .....	202
• TDD Auto Gated Spectrum Measurement Commands.....	545
• RFoCPRI Measurement Commands .....	562
• NSA Signal Analysis Commands.....	595
• 5G TM Signal Analysis Commands .....	609
• 5G DSS Signal Analysis Commands .....	640
• 5G EMF Analysis Commands.....	821
• 5G Blind Scanner Analysis Commands .....	840
• RAN Analysis Commands.....	852
• GSM Signal Analysis Commands .....	870
• Appendix.....	914

## Notice

Every effort was made to ensure that the information in this manual was accurate at the time of printing. However, information is subject to change without notice, and VIAVI reserves the right to provide an addendum to this manual with information not available at the time that this manual was created.

## Purpose and scope

The purpose of this guide is to help you successfully use the commands of VIAVI CellAdvisor 5G and ONA-800. This guide includes a list of commands to properly use the product and describes communication methods.

## Assumptions

This guide is intended for novice, intermediate, and experienced users who want to use the CellAdvisor 5G and ONA-800 commands effectively and efficiently. We are assuming that you have basic computer and mouse experience and are familiar with basic telecommunication concepts and terminology. All commands are supported for CellAdvisor 5G unless otherwise stated.

## Technical assistance

If you require technical assistance, call 1-844-GO-VIAVI or send an email to [TAC@viavisolutions.com](mailto:TAC@viavisolutions.com). For the latest TAC information, go to <http://www.viavisolutions.com/en/services-and-support/support/technical-assistance>.

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## Connection via the Ethernet interface

The instrument can be controlled and programmed remotely through the Ethernet interface.

The link to the PC can be direct, using an Ethernet crossover cable to link the instrument to the PC, or via a network.

### Direct connection

- 1 Connect directly the instrument to the PC with an Ethernet cable, using the RJ45 port on each equipment.
- 2 Make sure the network configuration onto the PC is set to the **Dynamic** mode:
  - a Click on Start > Control Panel.
  - b Double click on **Network Connection**.
  - c Double click on Local Area Connection.
  - d In the dialog box, click on **Properties**.
  - e Check the parameter **Internet Protocol (TCP/IP)** is selected and click once on it (underlined in blue).
  - f Click on Properties button.
  - g On the tab **General**, check the parameter **Obtain an IP address automatically** is selected; if not, click to select it.
  - h Click on **OK** and close all the dialog boxes opened onto the PC.
- 3 On the instrument, go to **System > Network**, select **Static** in the IPv4 box.
- 4 Note the IP address and wait for about ten seconds while the connection is established.

### Connection via a local network

- 1 On the PC, find the IP address and the mask of the PC's sub-network:
  - With Windows 98 or Millennium: Select Start > Execute, then enter `winipcfg` and click on **OK**.
  - With Windows NT, 2000, XP, Vista, 7 or 10: Select **Start > Programs > Accessories > Dos Prompt**, type `ipconfig`", then **Enter**.
- 2 Note the IP address and the mask of the PC's sub-network.
- 3 Plug the RJ 45 port of the instrument into a hub or Ethernet switch with a straight-through Ethernet cable.
- 4 On the instrument:
  - a Go to **System > Network**, select **Static** in the IPv4 box, then enter the **IP address**, **IP mask** of the PC and **IP gateway** previously noted (step 2).

- 
- b** Go to **System > Network**, select **DHCP** in the IPv4 box. In this case, the IP address is automatically displayed but cannot be altered.
  - 5** Wait for about ten seconds while the connection is established.
  - 6** On the PC, make sure that the connection is operational by selecting **Start > Execute...** and typing `ping`.

## Connection via USB TMC

The USB Test & Measurement Class(USB TMC) is a standard for programmatic control of USB-based test instruments that defines protocols used to send and receive messages. If you want to use the USB TMC protocol to communicate with the instrument remotely, you can only connect via USB without any additional settings.

## Protocol used

The protocol used is TCP. Only one port may be used as a function of the type of command. You can confirm the port to be used by;

- a.** Access TCP 5025 port and query by the command “:PRTM:LIST?”
- b.** Choose the port for CA5G-SCPI among below examples.  
“Fiber-ISU: 5026, Fiber-ISU-Local: 5027, Fiber-FO: 5028, Fiber-FO-Local: 5029, CA5G-SCPI: 5600, and ONA-800-SCPI: 5600”. From these examples, you are to access 5600 port.

## SCPI command structure

### Format of commands

The commands are of type SCPI. They have a hierarchical structure with a «root» level and one or more sub-levels known as «nodes». A command will be composed of a concatenation of «nodes».

Example: REALtime:FREQuency:SPAN:ZERO

- REALtime is the root
- :FREQuency is the 2<sup>nd</sup> level node
- :SPAN is the 3<sup>rd</sup> level node
- :Zero is parameter of the 3<sup>rd</sup> level node

### Syntax of commands

The string of the commands includes upper letters and/or lower letters. Only the upper case letters are essential and the lower case letters may be omitted to shorten the commands. However, parameter should be fully named without omission.

---

The successive nodes of a command must be separated by a colon (:).

Example of commands:

- Complete form: INTERference:TRACe:CLEAr:ALL
- Shortened form: INTER:TRA:CLEA:ALL

## Parameters

The table below shows type and unit of the values used in this programming manual.

Mark	Valid Unit	Description	Example
<real>	(dBm)	real number	10 dBm, -10.00 dBm
<integer>	-	integer number	10, -10
<time>	ns, us, ms, s	time (millisecond, second)	10 ms, 1 s
<ampl>	dBm	absolute Amplitude value	10 dBm, 0 dBm
<rel_ampl>	dB	relative Amplitude value	10 dB, -10 dB
<freq>	Hz, kHz, MHz, GHz	frequency value	10 Hz, 10kHz, 10MHz, 10GHz
<bandwidth>	Hz	frequency's bandwidth value	10 Hz, 10kHz, 10MHz, 10GHz
<per>	%	percentage	100 %, 100%
<string>	-	Long string or special letters	"string_12 ()"
<table>	-	A lot of value	10.11,11.12,12.14
<IP Address>	-	IPv4 Address	"127.0.0.1"

## Querying

For each command there is a corresponding query.

Most queries have no parameter. They then end with a «?». These queries are not given in the dictionary of commands provided below.

---

Example:

- INTERference:TRAc2:INFOrmation:DETEctor? Asks for the trace detector information

## Common commands

The common commands described below are valid for the instrument.

### **\*CLS**

The Clear Status (CLS) command clears all the event status registers in the device status-reporting mechanism and the error/event queue. This also results in the corresponding summary bits in the Status Byte (STB) to be cleared.

Syntax: \*CLS

Parameter/Response: None

### **\*IDN?**

\* IDN asks for identification of the instrument.

Syntax: \*IDN?

Parameter: None

Response: "<Manufacturer>,<Model>,<Serial number>,<Firmware version>"

Data Type: string

\*SRE is a service request enable command or query that enables bits in the SRE register. \*SRE? query returns the decimal sum of the enabled bits in the SRE register.

Syntax: \*SRE <integer>/\* SRE?

Parameter/Response: <integer>

---

## Spectrum Measurement Commands

The commands described in this section concern the functions accessible to configure spectrum measurements such as horizontal axis, vertical axis and to configure and trigger the sweep for spectrum measurements. All the commands are functions accessible with the Quick Access and Display tab key of the instrument.

### Frequency

ONA-800 SPA06MA only supports frequency range of up to 6 GHz (FR1). If parameter and response frequency range is from 25 GHz to 40 GHz, it only supports CellAdvisor 5G or RA44MA-O.

#### **SPECTrum:FREQuency:CENTer**

Syntax: SPECTrum:FREQuency:CENTer

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query center frequency in Spectrum Analyzer.

Example:

```
SPECTrum:FREQuency:CENTer 1200 MHz
```

```
SPECTrum:FREQuency:CENTer?
```

#### **SPECTrum:FREQuency:STARt**

Syntax: SPECTrum:FREQuency:STARt

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Description: You can set or query start frequency in Spectrum Analyzer.

Example:

```
SPECTrum:FREQuency:STARt 1100 MHz
```

```
SPECTrum:FREQuency:STARt?
```

#### **SPECTrum:FREQuency:STOP**

Syntax: SPECTrum:FREQuency:STOP

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query stop frequency in Spectrum Analyzer.

Example:

```
SPECTrum:FREQuency:STOP 1300 MHz
```

```
SPECTrum:FREQuency:STOP?
```

#### **SPECTrum:FREQuency:STEP**

Syntax: SPECTrum:FREQuency:STEP

Parameter/Response: 1 Hz ~ 1 GHz

Description: You can set or query step frequency in Spectrum Analyzer.

Example:

```
SPECTrum:FREQuency:STEP 1 MHz
```

```
SPECTrum:FREQuency:STEP?
```



---

### **SPECTrum:FREQuency:OFFSet**

Syntax: SPECTrum:FREQuency:OFFSet

Parameter/Response: -25 GHz ~ 40 GHz

Description: You can set or query offset frequency in Spectrum Analyzer.

Example:

```
SPECTrum:FREQuency:OFFSet 150 kHz
```

```
SPECTrum:FREQuency:OFFSet?
```

### **INTERference:FREQuency:CENTer**

Syntax: INTERference:FREQuency:CENTer

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query center frequency in Interference Analyzer.

Example:

```
INTERference:FREQuency:CENTer 1200 MHz
```

```
INTERference:FREQuency:CENTer?
```

### **INTERference:FREQuency:STARt**

Syntax: INTERference:FREQuency:STARt

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query start frequency in Interference Analyzer.

Example:

```
INTERference:FREQuency:STARt 1100 MHz
```

```
INTERference:FREQuency:STARt?
```

### **INTERference:FREQuency:STOP**

Syntax: INTERference:FREQuency:STOP

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query stop frequency in Interference Analyzer.

Example:

```
INTERference:FREQuency:STOP 1300 MHz
```

```
INTERference:FREQuency:STOP?
```

### **INTERference:FREQuency:UNIT**

Syntax: INTERference:FREQuency:UNIT

Parameter/Response: Frequency | Channel

Description: You can set or query frequency unit in Interference Analyzer.

Example:

```
INTERference:FREQuency:UNIT Frequency
```

```
INTERference:FREQuency:UNIT?
```

### **INTERference:FREQuency:STEP**

Syntax: INTERference:FREQuency:STEP

Parameter/Response: 1 Hz ~ 1 GHz

---

Description: You can set or query step frequency in Interference Analyzer.

Example:

```
INTERference:FREQuency:STEP 1 MHz
```

```
INTERference:FREQuency:STEP?
```

### **INTERference:FREQuency:OFFSet**

Syntax: INTERference:FREQuency:OFFSet

Parameter/Response: -25 GHz ~ 40 GHz

Description: You can set or query offset frequency in Interference Analyzer.

Example:

```
INTERference:FREQuency:OFFSet 150 kHz
```

```
INTERference:FREQuency:OFFSet?
```

### **INTERference:FREQuency:DISPlay**

Syntax: INTERference:FREQuency:DISPlay

Parameter/Response: CenterSpan | StartStop

Description: You can set or query frequency display in Interference Analyzer.

Example:

```
INTERference:FREQuency:DISPlay
```

```
INTERference:FREQuency:DISPlay?
```

### **REALtime:FREQuency:CENTer**

Syntax: REALtime:FREQuency:CENTer

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query center frequency in Real-time Spectrum Analyzer.

Example:

```
REALtime:FREQuency:CENTer 1200 MHz
```

```
REALtime:FREQuency:CENTer?
```

### **REALtime:FREQuency:STARt**

Syntax: REALtime:FREQuency:STARt

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query start frequency in Real-time Spectrum Analyzer.

Example:

```
REALtime:FREQuency:STARt 1100 MHz
```

```
REALtime:FREQuency:STARt?
```

### **REALtime:FREQuency:STOP**

Syntax: REALtime:FREQuency:STOP

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query stop frequency in Real-time Spectrum Analyzer.

Example:

```
REALtime:FREQuency:STOP 1300 MHz
```

```
REALtime:FREQuency:STOP?
```

---

### **REALtime:FREQUENCY:DISPlay**

Syntax: REALtime:FREQUENCY:DISPlay

Parameter/Response: [CenterSpan | StartStop]

Example:

REALtime:FREQUENCY:DISPlay CenterSpan

REALtime:FREQUENCY:DISPlay?

Description: You can set or query frequency display in Real-time Spectrum Analyzer.

### **REALtime:FREQUENCY:UNIT**

Syntax: REALtime:FREQUENCY:UNIT

Parameter/Response: [Frequency | Channel]

Example:

REALtime:FREQUENCY:UNIT Channel

REALtime:FREQUENCY:UNIT?

Description: You can set or query frequency unit in Real-time Spectrum Analyzer.

### **REALtime:FREQUENCY:STEP**

Syntax: REALtime:FREQUENCY:STEP

Parameter/Response: 1 Hz ~ 1 GHz

Description: You can set or query step frequency in Real-time Spectrum Analyzer.

Example:

REALtime:FREQUENCY:STEP 1 MHz

REALtime:FREQUENCY:STEP?

### **REALtime:FREQUENCY:OFFSet**

Syntax: REALtime:FREQUENCY:OFFSet

Parameter/Response: -25 GHz ~ 40 GHz

Description: You can set or query offset frequency in Real-time Spectrum Analyzer.

Example:

REALtime:FREQUENCY:OFFSet 1 MHz

REALtime:FREQUENCY:OFFSet?

### **TF5G:FREQUENCY:CENTer**

Syntax: TF5G:FREQUENCY:CENTer

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query center frequency in 5GTF Beamforming Analyzer.

Example:

TF5G:FREQUENCY:CENTer 1200 MHz

TF5G:FREQUENCY:CENTer?

---

### **TF5G:FREQuency:STEP**

Syntax: TF5G:FREQuency:STEP

Parameter/Response: 1Hz ~ 1 GHz

Description: You can set or query step frequency in 5GTF Beamforming Analyzer.

Example:

TF5G:FREQuency:STEP 1 MHz

TF5G:FREQuency:STEP?

### **SCANner:FREQuency:FREQuency:START**

Syntax: SCANner:FREQuency:FREQuency:START

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query start frequency in Scanner.

Example:

SCANner:FREQuency:FREQuency:START 1100 MHz

SCANner:FREQuency:FREQuency:START?

### **SCANner:FREQuency:FREQuency:STEP**

Syntax: SCANner:FREQuency:FREQuency:START

Parameter/Response: 1 Hz ~ 1 GHz

Description: You can set or query step frequency in Scanner.

Example:

SCANner:FREQuency:FREQuency:STEP 1 MHz

SCANner:FREQuency:FREQuency:STEP?

### **SCANner:FREQuency:FREQuency:COUNt**

Syntax: SCANner:FREQuency:FREQuency:COUNt

Parameter/Response: 1 Hz ~ 1 GHz

Description: You can set or query number of frequency counts in Scanner.

Example:

SCANner:FREQuency:FREQuency:COUNt 15

SCANner:FREQuency:FREQuency:COUNt?

### **SCANner:FREQuency:CUSTom:ENABLE[1-20]**

Syntax: SCANner:FREQuency:CUSTom:ENABLE[1-20]

Parameter/Response: {On|Off}

Description: You can enable the frequency of Custom Scanner.

Example:

SCANner:FREQuency:CUSTom:ENABLE2 On

SCANner:FREQuency:CUSTom:ENABLE2?

### **SCANner:FREQuency:CUSTom:CENTER[1-20]**

Syntax: SCANner:FREQuency:CUSTom:CENTER[1-20]

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

---

Description: You can set or query center frequency of Custom Scanner.

Example:

```
SCANner:FREQuency:STARt 1100 MHz
```

```
SCANner:FREQuency:STARt?
```

## Amplitude

Note that ONA-800 SPA06MA only supports Preamp 1.

### TF5G:AMPLitude:LNA:MODE

Syntax: TF5G:AMPLitude:LNA:MODE

Parameter/Response: On|Off

Example: TF5G:AMPLitude:LNA:MODE On

Description: You can turn External LNA Mode On or Off.

### SPECTrum:AMPLitude:REFerence

Syntax: SPECTrum:AMPLitude:REFerence

Parameter/Response: -120 ~ 100

Description: You can set or query reference level in Spectrum Analyzer.

Example:

```
SPECTrum:AMPLitude:REFerence 20
```

```
SPECTrum:AMPLitude:REFerence?
```

### SPECTrum:AMPLitude:ATTenuation

Syntax: SPECTrum:AMPLitude:ATTenuation

Parameter/Response: 0 ~ 55

Description: You can set or query attenuation in Spectrum Analyzer.

Example:

```
SPECTrum:AMPLitude:ATTenuation 10
```

```
SPECTrum:AMPLitude:ATTenuation?
```

### SPECTrum:AMPLitude:MODE

Syntax: SPECTrum:AMPLitude:MODE

Parameter/Response: {Auto|Couple|Manual}

Description: You can set or query attenuation mode in Spectrum Analyzer.

Example:

```
SPECTrum:AMPLitude:MODE Auto
```

```
SPECTrum:AMPLitude:MODE?
```

### SPECTrum:AMPLitude:PREAmp:Auto

Syntax: SPECTrum:AMPLitude:PREAmp:Auto

Parameter/Response: {On|Off}

Description: You can set Auto Preamp to On or Off in Spectrum Analyzer.

Example:

```
SPECTrum:AMPLitude: PREAmp:Auto On
```

---

### **SPECTrum:AMPlitude:AMPLifying:MODE**

Syntax: SPECTrum:AMPlitude:AMPLifying:MODE

Parameter/Response:

Example: SPECTrum:AMPlitude:AMPLifying:MODE Model

Description: You can set the amplitude for SE in Spectrum Analyzer.

### **SPECTrum:AMPlitude:INTERface:BANDwidth**

Syntax: SPECTrum:AMPlitude:INTERface:BANDwidth

Parameter/Response:

Example: SPECTrum:AMPlitude:INTERface:BANDwidth BW400

Description: You can select IF Bandwidth in Spectrum Analyzer.

### **SPECTrum:AMPlitude:IF:ATTenuation**

Syntax: SPECTrum:AMPlitude:IF:ATTenuation

Parameter/Response:

Example: SPECTrum:AMPlitude:IF:ATTenuation 30

Description: You can set IF Attenuation in Spectrum Analyzer.

### **SPECTrum:AMPlitude:PREAmp[1|2]**

Syntax: SPECTrum:AMPlitude:PREAmp[1|2]

Parameter/Response: {On|Off}

Description: You can enable/disable the preamp 1 or 2 or query pre-amplitude in Spectrum Analyzer.

Example:

SPECTrum:AMPlitude:PREAmp1 On

SPECTrum:AMPlitude:PREAmp1?

SPECTrum:AMPlitude:PREAmp2 On

SPECTrum:AMPlitude:PREAmp2?

### **SPECTrum:AMPlitude:FIRSt**

Syntax: SPECTrum:AMPlitude:FIRSt

Parameter/Response: {On|Off}

Description: You can enable/disable the first preamp or query first preamp in Spectrum Analyzer.

Example:

SPECTrum:AMPlitude:PREAmp:FIRSt On

SPECTrum:AMPlitude:PREAmp:FIRSt?

### **SPECTrum:AMPlitude:SECOnd**

Syntax: SPECTrum:AMPlitude:SECOnd

Parameter/Response: {On|Off}

Description: You can enable/disable the second preamp or query second preamp in Spectrum Analyzer.

---

Example:

SPECTrum:AMPlitude:PREAmp:SECOnd On

SPECTrum:AMPlitude:PREAmp:SECOnd?

### **SPECTrum:AMPlitude:PREAmp:DNC:FIRSt**

Syntax: SPECTrum:AMPlitude:FIRSt

Parameter/Response: {On|Off}

Description: You can enable/disable the first preamp for DNC or query first preamp for DNC in Spectrum Analyzer.

Example:

SPECTrum:AMPlitude:PREAmp:DNC:FIRSt On

SPECTrum:AMPlitude:PREAmp:DNC:FIRSt?

### **SPECTrum:AMPlitude:EXTernal:MODE**

Syntax: SPECTrum:AMPlitude:EXTernal:MODE

Parameter/Response: {On|Off}

Description: You can enable/disable the external amplitude mode or query external amplitude mode in Spectrum Analyzer.

Example:

SPECTrum:AMPlitude:EXTernal:MODE On

SPECTrum:AMPlitude:EXTernal:MODE?

### **SPECTrum:AMPlitude:LINearity**

Syntax: SPECTrum:AMPlitude:LINearity

Parameter/Response: {High|Normal}

Description: You can set the Linearity mode to High or Normal in Spectrum Analyzer.

Example:

SPECTrum:AMPlitude:LINearity High



#### **NOTE:**

The linearity mode is available in CellAdvisor 5G V1.5 or V2.0.

### **SPECTrum:AMPlitude:EXTernal**

Syntax: SPECTrum:AMPlitude:EXTernal

Parameter/Response: -120.0 ~ 120.0 dB

Description: You can set or query external amplitude in Spectrum Analyzer.

Example:

SPECTrum:AMPlitude:EXTernal 10.0

SPECTrum:AMPlitude:EXTernal?

### **SPECTrum:AMPlitude:LNA:MODE**

Syntax: SPECTrum:AMPlitude:LNA:MODE

Parameter/Response: On|Off

---

**Example:** `SPECTrum:AMPLitude:LNA:MODE On`

**Description:** You can set External LNA mode to on or off.

### **SPECTrum:AMPLitude:SCALE**

**Syntax:** `SPECTrum:AMPLitude:SCALE`

**Parameter/Response:** 1.0 ~ 20.0 dB

**Description:** You can set or query amplitude scale/division in Spectrum Analyzer.

**Example:**

`SPECTrum:AMPLitude:SCALE 5`

`SPECTrum:AMPLitude:SCALE?`

### **SPECTrum:AMPLitude:UNIT**

**Syntax:** `SPECTrum:AMPLitude:UNIT`

**Parameter/Response:** {dBm|dBV|dBmV|dBuV|V|W}

**Description:** You can set or query amplitude scale unit in Spectrum Analyzer.

**Example:**

`SPECTrum:AMPLitude:UNIT dBV`

`SPECTrum:AMPLitude:UNIT?`

### **SPECTrum:AMPLitude:UNITField**

**Syntax:** `SPECTrum:AMPLitude:UNITField`

**Parameter/Response:** {dBm/m|dBuV/m|dBmV/m|dBV/m|V/m|W/m^2|dBm/m^2}

**Description:** You can set or query amplitude unit field in Spectrum Analyzer.

**Example:**

`SPECTrum:AMPLitude:UNITField "dBuV/m"`

`SPECTrum:AMPLitude:UNITField?`

### **INTERference:AMPLitude:REference**

**Syntax:** `INTERference:AMPLitude:REference`

**Parameter/Response:** -120 ~ 100

**Description:** You can set or query reference level in Interference Analyzer.

**Example:**

`INTERference:AMPLitude:REference 20`

`INTERference:AMPLitude:REference?`

### **INTERference:AMPLitude:ATTenuation**

**Syntax:** `INTERference:AMPLitude:ATTenuation`

**Parameter/Response:** 0 ~ 55

**Description:** You can set or query attenuation in Interference Analyzer.

**Example:**

`INTERference:AMPLitude:ATTenuation 10`

`INTERference:AMPLitude:ATTenuation?`



---

## **INTERference:AMPlitude:MODE**

Syntax: INTERference:AMPlitude:MODE

Parameter/Response: {Auto|Couple|Manual}

Description: You can set or query attenuation mode in Interference Analyzer.

Example:

```
INTERference:AMPlitude:MODE Auto
```

```
INTERference:AMPlitude:MODE?
```

## **INTERference:AMPlitude:PREAmp[1|2]**

Syntax: INTERference:AMPlitude:ATTenuation

Parameter/Response: {On|Off}

Description: You can enable, disable, or query preamp 1 or 2 in Interference Analyzer.

Example:

```
INTERference:AMPlitude:PREAmp1 On
```

```
INTERference:AMPlitude:PREAmp1?
```

```
INTERference:AMPlitude:PREAmp2 On
```

```
INTERference:AMPlitude:PREAmp2?
```

## **INTERference:AMPlitude:PREAmp:FIRSt**

Syntax: INTERference:AMPlitude:PREAmp:FIRSt

Parameter/Response: {On|Off}

Description: You can enable, disable, or query first preamp in Interference Analyzer.

Example:

```
INTERference:AMPlitude:PREAmp:FIRSt On
```

```
INTERference:AMPlitude:PREAmp:FIRSt?
```

## **INTERference:AMPlitude:PREAmp:SECOnd**

Syntax: INTERference:AMPlitude:PREAmp:SECOnd

Parameter/Response: {On|Off}

Description: You can enable, disable, or query second preamp in Interference Analyzer.

Example:

```
INTERference:AMPlitude:PREAmp:SECOnd On
```

```
INTERference:AMPlitude:PREAmp:SECOnd?
```

## **INTERference:AMPlitude:PREAmp:THIRd:OFFSet**

Syntax: INTERference:AMPlitude:PREAmp:THIRd:OFFSet

Parameter/Response:

Description: You can set or query third preamp offset.

Example:

```
INTERference:AMPlitude:PREAmp:THIRd:OFFSet 10.1
```

```
INTERference:AMPlitude:PREAmp:THIRd:OFFSet?
```

---

### **INTERference:AMPLitude:PREAmP:DNC:FIRSt**

Syntax: INTERference:AMPLitude:PREAmP:DNC:FIRSt

Parameter/Response: {On|Off}

Description: You can enable or disable the first preamp for DNC or query first preamp for DNC.

Example:

INTERference:AMPLitude:PREAmP:DNC:FIRSt On

INTERference:AMPLitude:PREAmP:DNC:FIRSt?

### **INTERference:AMPLitude:PREAmP:AUTO**

Syntax: INTERference:AMPLitude:PREAmP:AUTO

Parameter/Response: On|Off

Example: INTERference:AMPLitude:PREAmP:AUTO On

Description: You can turn the Auto Preamp On or Off.

### **INTERference:PORT:NTYPE:USE**

Syntax: INTERference:PORT:NTYPE:USE

Parameter/Response:

Example: INTERference:PORT:NTYPE:USE On

Description: You can set N-Type Port to On or Off.

### **INTERference:AMPLitude:LINEarity**

Syntax: INTERference:AMPLitude:LINEarity

Parameter/Response: Normal|High

Example: INTERference:AMPLitude:LINEarity High

Description: You can set Linearity mode to Normal or High.

### **INTERference:AMPLitude:LNA:MODE**

Syntax: INTERference:AMPLitude:LNA:MODE

Parameter/Response: On|Off

Example: INTERference:AMPLitude:LNA:MODE On

Description: You can set External LNA Mode to On or Off.

### **INTERference:AMPLitude:EXTernal:MODE**

Syntax: INTERference:AMPLitude:EXTernal:MODE

Parameter/Response: {On|Off}

Description: You can enable, disable or query external amplitude mode.

Example:

INTERference:AMPLitude:EXTernal:MODE On

INTERference:AMPLitude:EXTernal:MODE?

---

### **INTERference:AMPlitude:EXternal**

Syntax: INTERference:AMPlitude:EXternal

Parameter/Response: -120.0 ~ 120.0 dB

Description: You can set or query external amplitude.

Example:

```
INTERference:AMPlitude:EXternal 10.0
```

```
INTERference:AMPlitude:EXternal?
```

### **INTERference:AMPlitude:SCALE**

Syntax: INTERference:AMPlitude:SCALE

Parameter/Response: 1.0 ~ 20.0 dB

Description: You can set or query scale or division.

Example:

```
INTERference:AMPlitude:SCALE 5
```

```
INTERference:AMPlitude:SCALE?
```

### **INTERference:SCALE:AUTO**

Syntax: INTERference:SCALE:AUTO

Parameter/Response: 1.0 ~ 20.0 dB

Description: You can set auto scale.

Example:

```
INTERference:SCALE:AUTO
```

### **INTERference:AMPlitude:UNIT**

Syntax: INTERference:AMPlitude:UNIT

Parameter/Response: {dBm|dBV|dBmV|dBuV|V|W}

Description: You can set or query unit.

Example:

```
INTERference:AMPlitude:UNIT dBV
```

```
INTERference:AMPlitude:UNIT?
```

### **INTERference:AMPlitude:UNITField**

Syntax: INTERference:AMPlitude:UNITField

Parameter/Response: {dBm/m|dBuV/m|dBmV/m|dBV/m|V/m|W/m^2|dBm/m^2}

Description: You can set or query unit field.

Example:

```
INTERference:AMPlitude:UNITField "dBuV/m"
```

```
INTERference:AMPlitude:UNITField?
```

### **REALtime:AMPlitude:REference**

Syntax: REALtime:AMPlitude:REference

Parameter/Response: -120 ~ 100

Description: You can set or query reference level.

---

Example:

REALtime:AMPlitude:REFerence 20

REALtime:AMPlitude:REFerence?

### **REALtime:AMPlitude:ATTenuation**

Syntax: REALtime:AMPlitude:ATTenuation

Parameter/Response: 0 ~ 55

Description: You can set or query attenuation.

Example:

REALtime:AMPlitude:ATTenuation 10

REALtime:AMPlitude:ATTenuation?

### **REALtime:AMPlitude:MODE**

Syntax: REALtime:AMPlitude:MODE

Parameter/Response: {Auto|Couple|Manual}

Description: You can set or query attenuation mode.

Example:

REALtime:AMPlitude:MODE Auto

REALtime:AMPlitude:MODE?

### **REALtime:AMPlitude:EXTernal**

Syntax: REALtime:AMPlitude:EXTernal

Parameter/Response: -120.0 ~ 120.0 dB

Description: You can set or query external amplitude.

Example:

REALtime:AMPlitude:EXTernal 10.0

REALtime:AMPlitude:EXTernal?

### **REALtime:AMPlitude:EXTernal:MODE**

Syntax: REALtime:AMPlitude:EXTernal:MODE

Parameter/Response: On|Off

Example:

REALtime:AMPlitude:EXTernal:MODE On

REALtime:AMPlitude:EXTernal:MODE?

Description: You can set or query external amplitude mode.

### **REALtime:AMPlitude:PREAmp:AUTO**

Syntax: REALtime:AMPlitude:PREAmp:AUTO

Parameter/Response: On|Off

Example: REALtime:AMPlitude:PREAmp:AUTO On

Description: You can turn Auto Preamp On or Off.

### **REALtime:PORT:NTYPE:USE**

Syntax: REALtime:PORT:NTYPE:USE

---

Parameter/Response:

Example: `REALtime:PORT:NTYPE:USE On`

Description: You can set N-Type Port to On or Off.

### **REALtime:AMPLitude:LINEarity**

Syntax: `REALtime:AMPLitude:LINEarity`

Parameter/Response: Normal|High

Example: `REALtime:AMPLitude:LINEarity High`

Description: You can set Linearity mode to Normal or High.

### **REALtime:AMPLitude:AMPLifying:MODE**

Syntax: `REALtime:AMPLitude:AMPLifying:MODE`

Parameter/Response:

Example: `REALtime:AMPLitude:AMPLifying:MODE Model`

Description: You can set Amplifying Mode in Real-time Spectrum Analyzer

### **REALtime:AMPLitude:LNA:MODE**

Syntax: `REALtime:AMPLitude:LNA:MODE`

Parameter/Response: On|Off

Example: `REALtime:AMPLitude:LNA:MODE On`

Description: You can set External LNA Mode to On or Off.

### **REALtime:AMPLitude:PREAmp:FIRSt**

Syntax: `REALtime:AMPLitude:PREAmp:FIRSt`

Parameter/Response: On|Off

Example:

`REALtime:AMPLitude:PREAmp:FIRSt On`

`REALtime:AMPLitude:PREAmp:FIRSt?`

Description: You can set or query the first PreAmp.

### **REALtime:AMPLitude:PREAmp:SECOnd**

Syntax: `REALtime:AMPLitude:PREAmp:SECOnd`

Parameter/Response: On|Off

Example:

`REALtime:AMPLitude:PREAmp:SECOnd On`

`REALtime:AMPLitude:PREAmp:SECOnd?`

Description: You can set or query the second PreAmp.

### **REALtime:AMPLitude:SCALE**

Syntax: `REALtime:AMPLitude:SCALE`

Parameter/Response: 1.0 ~ 20.0 dB

Description: You can set or query scale or division.

Example:

---

REALtime:AMPlitude:SCALe 5  
REALtime:AMPlitude:SCALe?

### **REALtime:SCALE:AUTO**

Syntax: REALtime:SCALE:AUTO  
Parameter/Response:  
Example:  
REALtime:SCALE:AUTO  
Description: You can set auto scale.

### **REALtime:AMPlitude:UNIT**

Syntax: REALtime:AMPlitude:UNIT  
Parameter/Response: {dBm|dBV|dBmV|dBuV|V|W}  
Description: You can set or query unit.  
Example:  
REALtime:AMPlitude:UNIT dBV  
REALtime:AMPlitude:UNIT?

### **REALtime:AMPlitude:UNITField**

Syntax: REALtime:AMPlitude:UNIT  
Parameter: {dBm/m|dBUV/m|dBmV/m|dBV/m|V/m|W/m^2|dBm/m^2}  
Description: You can set or query unit field.  
Example:  
REALtime:AMPlitude:UNITField "dBUV/m"  
REALtime:AMPlitude:UNITField?

### **TF5G:AMPlitude:REference**

Syntax: REALtime:AMPlitude:REference  
Parameter/Response: -120 ~ 100  
Description: You can set or query reference.  
Example:  
TF5G:AMPlitude:REference 20  
TF5G:AMPlitude:REference?

### **TF5G:AMPlitude:ATTenuation**

Syntax: REALtime:AMPlitude:ATTenuation  
Parameter/Response: 0 ~ 55  
Description: You can set or query attenuation.  
Example:  
TF5G:AMPlitude:ATTenuation 10  
TF5G:AMPlitude:ATTenuation?

### **TF5G:AMPlitude:MODE**

Syntax: REALtime:AMPlitude:MODE

---

Parameter/Response: {Auto|Couple|Manual}  
Description: You can set or query amplitude mode.  
Example:  
TF5G:AMPlitude:MODE Auto  
TF5G:AMPlitude:MODE?

#### **TF5G:AMPlitude:PREAmp[1|2]**

Syntax: REALtime:AMPlitude:PREAmp[1|2]  
Parameter/Response: {On|Off}  
Description: You can enable, disable or query preamp 1 or 2.  
Example:  
TF5G:AMPlitude:PREAmp1 On  
TF5G:AMPlitude:PREAmp1?  
TF5G:AMPlitude:PREAmp2 On  
TF5G:AMPlitude:PREAmp2?

#### **TF5G:AMPlitude:PREAmp:FIRSt**

Syntax: REALtime:AMPlitude:FIRSt  
Parameter/Response: {On|Off}  
Description: You can enable, disable or query first preamp.  
Example:  
TF5G:AMPlitude:PREAmp:FIRSt On  
TF5G:AMPlitude:PREAmp:FIRSt?

#### **TF5G:AMPlitude:PREAmp:SECOnd**

Syntax: REALtime:AMPlitude:SECOnd  
Parameter/Response: {On|Off}  
Description: You can enable, disable or query second preamp.  
Example:  
TF5G:AMPlitude:PREAmp:SECOnd On  
TF5G:AMPlitude:PREAmp:SECOnd?

#### **TF5G:AMPlitude:PREAmp:THIRd**

Syntax: REALtime:AMPlitude:THIRd  
Parameter/Response: {On|Off}  
Description: You can enable, disable or query third preamp.  
Example:  
TF5G:AMPlitude:PREAmp:THIRd On  
TF5G:AMPlitude:PREAmp:THIRd?

#### **TF5G:AMPlitude:PREAmp:THIRd:OFFSet**

Syntax: REALtime:AMPlitude:THIRd:OFFSet  
Parameter/Response:  
Description: You can set or query third preamp offset.  
Example:

---

```
TF5G:AMPlitude:PREAmp:THIRd:OFFSet 10.1
TF5G:AMPlitude:PREAmp:THIRd:OFFSet?
```

### **TF5G:AMPlitude:PREAmp:DNC:FIRSt**

Syntax: REALtime:AMPlitude:THIRd:OFFSet  
Parameter/Response: {On|Off}  
Description: You can set or query first preamp for DNC.  
Example:  
TF5G:AMPlitude:PREAmp:DNC:FIRSt On  
TF5G:AMPlitude:PREAmp:DNC:FIRSt?

### **TF5G:AMPlitude:EXTernal:MODE**

Syntax: TF5G:AMPlitude:EXTernal:MODE  
Parameter/Response: {On|Off}  
Description: You can set or query external amplitude mode.  
Example:  
TF5G:AMPlitude:EXTernal:MODE On  
TF5G:AMPlitude:EXTernal:MODE?

### **TF5G:AMPlitude:EXTernal:MODE**

Syntax: TF5G:AMPlitude:EXTernal:MODE  
Parameter/Response: {On|Off}  
Description: You can set or query external amplitude mode.  
Example:  
TF5G:AMPlitude:EXTernal:MODE On  
TF5G:AMPlitude:EXTernal:MODE?

### **TF5G:AMPlitude:EXTernal**

Syntax: TF5G:AMPlitude:EXTernal  
Parameter/Response: -120.0 ~ 120.0 dB  
Description: You can set or query external amplitude.  
Example:  
TF5G:AMPlitude:EXTernal 10.0  
TF5G:AMPlitude:EXTernal?

### **TF5G:AMPlitude:SCALE**

Syntax: TF5G:AMPlitude:SCALE  
Parameter/Response: 1.0 ~ 20.0 dB  
Description: You can set or query scale or division.  
Example:  
TF5G:AMPlitude:SCALE 5  
TF5G:AMPlitude:SCALE?



---

### **SCANner:PORT:NTYPE:USE**

Syntax: SCANner:PORT:NTYPE:USE

Parameter/Response:

Example: SCANner:PORT:NTYPE:USE On

Description: You can set N-Type Port to On or Off.

### **SCANner:AMPLitude:REference**

Syntax: SCANner:AMPLitude:REference

Parameter/Response: -120 ~ 100 dBm

Description: You can set or query reference level.

Example:

SCANner:AMPLitude:REference 20

SCANner:AMPLitude:REference?

### **SCANner:AMPLitude:ATTenuation**

Syntax: SCANner:AMPLitude:ATTenuation

Parameter/Response: 0 ~ 55 dB

Description: You can set or query attenuation.

Example:

SCANner:AMPLitude:ATTenuation 10

SCANner:AMPLitude:ATTenuation?

### **SCANner:AMPLitude:MODE**

Syntax: SCANner:AMPLitude:MODE

Parameter/Response: {Auto|Couple|Manual}

Description: You can set or query attenuation mode.

Example:

SCANner:AMPLitude:FREQuency:MODE Auto

SCANner:AMPLitude:FREQuency:MODE?

### **SCANner:AMPLitude:LINEarity**

Syntax: SCANner:AMPLitude:LINEarity

Parameter/Response: Normal|High

Example: SCANner:AMPLitude:LINEarity High

Description: You can set Linearity mode to Normal or High.

### **SCANner:AMPLitude:PREAmp:FIRSt**

SCANner:AMPLitude:PREAmp:FIRSt

Parameter/Response: {On|Off}

Description: You can enable, disable or query first preamp.

Example:

SCANner:AMPLitude:PREAmp:FIRSt On

SCANner:AMPLitude:PREAmp:FIRSt?

---

### **SCANner:AMPlitude:PREAmp:SECOnd**

Syntax: SCANner:AMPlitude:PREAmp:SECOnd

Parameter/Response: {On|Off}

Description: You can enable, disable or query second preamp.

Example:

```
SCANner:AMPlitude:PREAmp:SECOnd On
```

```
SCANner:AMPlitude:PREAmp:SECOnd?
```

### **SCANner:AMPlitude:PREAmp:THIRd:OFFSet**

Syntax: SCANner:AMPlitude:PREAmp:THIRd:OFFSet

Parameter/Response:

Description: You can set or query third preamp offset.

Example:

```
SCANner:AMPlitude:FREQuency:PREAmp:THIRd:OFFSet 10.1
```

```
SCANner:AMPlitude:FREQuency:PREAmp:THIRd:OFFSet?
```

### **SCANner:AMPlitude:PREAmp:DNC:FIRSt**

Syntax: SCANner:AMPlitude:PREAmp:DNC:FIRSt

Parameter/Response: {On|Off}

Description: You can set or query first preamp for DNC.

Example:

```
SCANner:AMPlitude:PREAmp:DNC:FIRSt On
```

```
SCANner:AMPlitude:PREAmp:DNC:FIRSt?
```

### **SCANner:AMPlitude:CUSTom:EXTernal:MODE**

Syntax: SCANner:AMPlitude:CUSTom:EXTernal:MODE

Parameter/Response: {On|Off}

Description: You enable, disable, or set or query external amplitude for custom scanner.

Example:

```
SCANner:AMPlitude:CUSTom:EXTernal:MODE On
```

```
SCANner:AMPlitude:CUSTom:EXTernal:MODE?
```

### **SCANner:AMPlitude:CUSTom:EXTernal**

Syntax: SCANner:AMPlitude:CUSTom:EXTernal

Parameter/Response: -120.0 ~ 120.0 dB

Description: You can set or query external amplitude for custom scanner.

Example:

```
SCANner:AMPlitude:CUSTom:EXTernal 10.0
```

```
SCANner:AMPlitude:CUSTom:EXTernal?
```

### **SCANner:AMPlitude:CUSTom:SCALE**

Syntax: SCANner:AMPlitude:PREAmp:THIRd:OFFSet

---

Parameter/Response: 1.0 ~ 20.0 dB

Description: You can set or query scale or division for custom scanner.

Example:

`SCANner:AMPlitude:CUSTom:SCALe 5`

`SCANner:AMPlitude:CUSTom:SCALe?`

### **SCANner:AMPlitude:CUSTom:UNIT**

Syntax: `SCANner:AMPlitude:CUSTom:UNIT`

Parameter/Response: {dBm|dBV|dBmV|dBuV|V|W}

Description: You can set or query amplitude unit for custom scanner.

Example:

`SCANner:AMPlitude:CUSTom:UNIT dBV`

`SCANner:AMPlitude:CUSTom:UNIT?`

### **SCANner:AMPlitude:ROUTemap:REference**

Syntax: `SCANner:AMPlitude:ROUTemap:REference`

Parameter/Response: -120 - 100

Example: `SCANner:AMPlitude:ROUTemap:REference 20 |`

`SCANner:AMPlitude:ROUTemap:REference?`

Description: You can set or query Route Map Ref Level in Channel Scanner.

### **SCANner:AMPlitude:ROUTemap:EXTernal:MODE**

Syntax: `SCANner:AMPlitude:ROUTemap:EXTernal:MODE`

Parameter/Response:

Example: `SCANner:AMPlitude:ROUTemap:EXTernal:MODE On |`

`SCANner:AMPlitude:ROUTemap:EXTernal:MODE?`

Description: You can set or query Route Map external offset mode in Channel Scanner

### **SCANner:AMPlitude:ROUTemap:SCALE**

Syntax: `SCANner:AMPlitude:ROUTemap:SCALE`

Parameter/Response: 1.0 - 20.0 dB

Example: `SCANner:AMPlitude:ROUTemap:SCALE 5 |`

`SCANner:AMPlitude:ROUTemap:SCALE?`

Description: You can set or query Route Map scale per division in Channel Scanner

### **SCANner:AMPlitude:ROUTemap:UNIT**

Syntax: `SCANner:AMPlitude:ROUTemap:UNIT`

Parameter/Response: dBm|dBV|dBmV|dBuV|V|W

Example: `SCANner:AMPlitude:ROUTemap:UNIT dBV |`

`SCANner:AMPlitude:ROUTemap:UNIT?`

Description: You can set or query Route Map scale unit in Channel Scanner

---

## Channel number

### **SPECTrum:CHANnel:NUMber**

Syntax: SPECTrum:CHANnel:NUMber

Parameter/Response: -1, 1 ~ 256

Description: You can set or query channel number in Spectrum Analyzer.

Example:

SPECTrum:CHANnel:NUMber 1

SPECTrum:CHANnel:NUMber?

### **SPECTrum:CHANnel:STEP**

Syntax: SPECTrum:CHANnel:STEP

Parameter/Response: 1 ~ 100

Description: You can set or query channel step in Spectrum Analyzer.

Example:

SPECTrum:CHANnel:STEP 1

SPECTrum:CHANnel:STEP?

### **SPECTrum:CHANnel:LINK**

Syntax: SPECTrum:CHANnel:LINK

Parameter/Response: {DownLink|UpLink}

Description: You can set or query channel link in Spectrum Analyzer.

Example:

SPECTrum:CHANnel:LINK UpLink

SPECTrum:CHANnel:LINK?

### **SPECTrum:CHANnel:STANDard**

Syntax: SPECTrum:CHANnel:STANDard

Parameter/Response: {CDMA Band 0 (800)| ... LTE-FDD Band 1 (2100)| ...}

Description: You can set or query channel standard in Spectrum Analyzer.

Example:

SPECTrum:CHANnel:STANDard 10

SPECTrum:CHANnel:STANDard?

### **INTERference:CHANnel:NUMber**

Syntax: INTERference:CHANnel:NUMber

Parameter/Response: -1, 1 ~ 256

Description: You can set or query channel number in Interference Analyzer.

Example:

INTERference:CHANnel:NUMber 1

INTERference:CHANnel:NUMber?

---

### **INTERference:CHANnel:STEP**

Syntax: INTERference:CHANnel:STEP

Parameter/Response: 1 ~ 100

Description: You can set or query channel step in Interference Analyzer.

Example:

```
INTERference:CHANnel:STEP 1
```

```
INTERference:CHANnel:STEP?
```

### **INTERference:CHANnel:LINK**

Syntax: INTERference:CHANnel:LINK

Parameter/Response: {DownLink|UpLink}

Description: You can set or query channel link in Interference Analyzer.

Example:

```
INTERference:CHANnel:LINK UpLink
```

```
INTERference:CHANnel:LINK?
```

### **INTERference:CHANnel:STANdard**

Syntax: INTERference:CHANnel:STANdard

Parameter/Response: {CDMA Band 0 (800)| ... LTE-FDD Band 1 (2100)| ...}

Description: You can set or query channel standard in Interference Analyzer.

Example:

```
INTERference:CHANnel:STANdard 10
```

```
INTERference:CHANnel:STANdard?
```

### **REALtime:CHANnel:NUMber**

Syntax: REALtime:CHANnel:NUMber

Parameter/Response: -1, 1 ~ 256

Description: You can set or query channel number in Real-time Spectrum Analyzer.

Example:

```
REALtime:CHANnel:NUMber 1
```

```
REALtime:CHANnel:NUMber?
```

### **REALtime:CHANnel:STEP**

Syntax: REALtime:CHANnel:STEP

Parameter/Response: 1 ~ 100

Description: You can set or query channel number in Real-time Spectrum Analyzer.

Example:

```
REALtime:CHANnel:STEP 10
```

```
REALtime:CHANnel:STEP?
```

---

### **REALtime:CHANnel:LINK**

Syntax: REALtime:CHANnel:LINK

Parameter/Response: {DownLink|UpLink}

Description: You can set or query channel link in Real-time Spectrum Analyzer.

Example:

```
REALtime:CHANnel:LINK UpLink
```

```
REALtime:CHANnel:LINK?
```

### **REALtime:CHANnel:STANDARD**

Syntax: REALtime:CHANnel:LINK

Parameter/Response: {CDMA Band 0 (800)| ... LTE-FDD Band 1 (2100)| ...}

Description: You can set or query channel standard in Real-time Spectrum Analyzer.

Example:

```
REALtime:CHANnel:STANDARD 10
```

```
REALtime:CHANnel:STANDARD?
```

### **SCANner:CHANnel:NUMBER**

Syntax: SCANner:CHANnel:NUMBER

Parameter/Response: -1, 1 ~ 256

Description: You can set or query channel number in Scanner.

Example:

```
SCANner:CHANnel:NUMBER 1
```

```
SCANner:CHANnel:NUMBER?
```

### **SCANner:CHANnel:STEP**

Syntax: SCANner:CHANnel:STEP

Parameter/Response: 1 ~ 100

Description: You can set or query channel step in Scanner.

Example:

```
SCANner:CHANnel:STEP 1
```

```
SCANner:CHANnel:STEP?
```

### **SCANner:CHANnel:LINK**

Syntax: SCANner:CHANnel:LINK

Parameter/Response: {DownLink|UpLink}

Description: You can set or query channel link in Scanner.

Example:

```
SCANner:CHANnel:LINK UpLink
```

```
SCANner:CHANnel:LINK?
```

### **SCANner:CHANnel:STANDARD**

Syntax: SCANner:CHANnel:STANDARD

---

Parameter/Response: {CDMA Band 0 (800)| ... LTE-FDD Band 1 (2100)| ...}

Description: You can set or query channel standard in Scanner.

Example:

SCANner:CHANnel:STANdard 10

SCANner:CHANnel:STANdard?

### **SCANner:CHANnel:COUNt**

Syntax: SCANner:CHANnel:COUNt

Parameter/Response: 1 ~ 20

Description: You can set or query number of channels in Scanner.

Example:

SCANner:CHANnel:COUNt 15

SCANner:CHANnel:COUNt?

### **SCANner:CHANnel:CUSTom:NUMber[1-20]**

Syntax: SCANner:CHANnel:CUSTom:NUMber[1-20]

Parameter/Response: -1, 1 ~ 256

Description: You can set or query number of channels in Custom Scanner.

Example:

SCANner:CHANnel:CUSTom:NUMber1

SCANner:CHANnel:CUSTom:NUMber?

### **SCANner:CHANnel:CUSTom:LINK[1-20]**

Syntax: SCANner:CHANnel:CUSTom:LINK[1-20]

Parameter/Response: {DownLink|UpLink}

Description: You can set or query channel link in Custom Scanner.

Example:

SCANner:CHANnel:CUSTom:LINK1 UpLink

SCANner:CHANnel:CUSTom:LINK?

### **PMeter:CHANnel:NUMber**

Syntax: PMeter:CHANnel:NUMber

Parameter/Response: -1, 1 ~ 256

Description: You can set or query channel number in Power Meter.

Example:

PMeter:CHANnel:NUMber 1

PMeter:CHANnel:NUMber?

### **PMeter:CHANnel:STEP**

Syntax: PMeter:CHANnel:STEP

Parameter/Response: 1 ~ 100

Description: You can set or query channel step in Power Meter.

Example:

PMeter:CHANnel:STEP 1

PMeter:CHANnel:STEP?

---

### **PMeter:CHANnel:LINK**

Syntax: PMeter:CHANnel:LINK

Parameter/Response: {DownLink|UpLink}

Description: You can set or query channel link in Power Meter.

Example:

PMeter:CHANnel:LINK UpLink

PMeter:CHANnel:LINK?

### **PMeter:CHANnel:STANdard**

Syntax: PMeter:CHANnel:STANdard

Parameter/Response: {CDMA Band 0 (800)| ... LTE-FDD Band 1 (2100)| ...}

Description: You can set or query channel standard in Power Meter.

Example:

PMeter:CHANnel:STANdard 10

PMeter:CHANnel:STANdard?

## **Span**

### **SPECtrum:FREQuency:SPAN**

Syntax: SPECtrum:FREQuency:SPAN

Parameter/Response: NA

Description: You can set or query frequency span in Spectrum Analyzer.

Example:

SPECtrum:FREQuency:SPAN 10.0 MHz

SPECtrum:FREQuency:SPAN?

### **SPECtrum[:SPECtrum]:FREQuency:SPAN**

Syntax: SPECtrum[:SPECtrum]:FREQuency:SPAN

Parameter/Response: 0 - 100 MHz

Example: SPECtrum:FREQuency:SPAN 10.0

MHz | SPECtrum:FREQuency:SPAN?

Description: You can set or query frequency span in any measurement mode in Spectrum Analyzer.

### **SPECtrum:FREQuency:SPAN:FULL**

Syntax: SPECtrum:FREQuency:SPAN:FULL

Parameter/Response: NA

Description: You can set full span in Spectrum Analyzer.

Example:

SPECtrum:FREQuency:SPAN:FULL

### **SPECtrum:FREQuency:SPAN:ZERO**

Syntax: SPECtrum:FREQuency:SPAN:ZERO

Parameter/Response: NA



---

Description: You can set zero span in Spectrum Analyzer.

Example:

`SPECTrum:FREQuency:SPAN:ZERO`

### **SPECTrum:FREQuency:SPAN:LAST**

Syntax: `SPECTrum:FREQuency:SPAN:LAST`

Parameter/Response: NA

Description: You can set zero span in Spectrum Analyzer.

Example:

`SPECTrum:FREQuency:SPAN:LAST`

### **INTERference:FREQuency:SPAN:**

Syntax: `INTERference:FREQuency:SPAN`

Parameter/Response: 0 ~ 100 MHz

Description: You can set or query span in Interference Analyzer.

Example:

`INTERference:FREQuency:SPAN 10.0 MHz`

`INTERference:FREQuency:SPAN?`

### **INTERference:FREQuency:SPAN:FULL**

Syntax: `INTERference:FREQuency:SPAN:FULL`

Parameter/Response: NA

Description: You can set full span in Interference Analyzer.

Example:

`INTERference:FREQuency:SPAN:FULL`

### **INTERference:FREQuency:SPAN:ZERO**

Syntax: `INTERference:FREQuency:SPAN:ZERO`

Parameter/Response: NA

Description: You can set zero span in Interference Analyzer.

Example:

`INTERference:FREQuency:SPAN:ZERO`

### **INTERference:FREQuency:SPAN:LAST**

Syntax: `INTERference:FREQuency:SPAN:LAST`

Parameter/Response: NA

Description: You can set last span in Interference Analyzer.

Example:

`INTERference:FREQuency:SPAN:LAST`

### **REALtime:FREQuency:SPAN**

Syntax: `REALtime:FREQuency:SPAN`

Parameter/Response: 0 ~ 100 MHz

Description: You can set or query span in Real-time Spectrum Analyzer.

---

Example:

`REALtime:FREQUENCY:SPAN 10.0 MHz`

#### **REALtime:FREQUENCY:SPAN:FULL**

Syntax: `REALtime:FREQUENCY:SPAN:FULL`

Parameter/Response: NA

Description: You can set full span in Real-time Spectrum Analyzer.

Example: `REALtime:FREQUENCY:SPAN:FULL`

#### **REALtime:FREQUENCY:SPAN:ZERO**

Syntax: `REALtime:FREQUENCY:SPAN:ZERO`

Parameter/Response: NA

Description: You can set zero span in Real-time Spectrum Analyzer.

Example: `REALtime:FREQUENCY:SPAN:ZERO`

#### **REALtime:FREQUENCY:SPAN:LAST**

Syntax: `REALtime:FREQUENCY:SPAN:LAST`

Parameter/Response: NA

Description: You can set last span in Real-time Spectrum Analyzer.

Example:

`REALtime:FREQUENCY:SPAN:LAST`

#### **SCANner:FREQUENCY:CHANnel:INTBandwidth**

Syntax: `SCANner:FREQUENCY:CHANnel:INTBandwidth`

Parameter/Response: 1 Hz ~ 100 MHz

Description: You can set or query integration bandwidth for Channel Scanner.

Example:

`SCANner:FREQUENCY:CHANnel:INTBandwidth 100`

`SCANner:FREQUENCY:CHANnel:INTBandwidth?`

#### **SCANner:FREQUENCY:FREQUENCY:INTBandwidth**

Syntax: `SCANner:FREQUENCY:FREQUENCY:INTBandwidth`

Parameter/Response: 1 Hz ~ 100 MHz

Description: You can set or query integration bandwidth for Frequency Scanner.

Example:

`SCANner:FREQUENCY:FREQUENCY:INTBandwidth 100`

`SCANner:FREQUENCY:FREQUENCY:INTBandwidth?`

#### **SCANner:FREQUENCY:CUSTom:INTBandwidth[1-20]**

Syntax: `SCANner:FREQUENCY:CUSTom:INTBandwidth[1-20]`

Parameter/Response: 1 Hz ~ 100 MHz

Description: You can set or query integration bandwidth for Custom Scanner.

Example:

---

```
SCANner:FREQuency:CUSTom:INTBandwidth1 100  
SCANner:FREQuency:CUSTom:INTBandwidth1?
```

### **PMeter:FREQuency:SPAN**

Syntax: PMeter:FREQuency:SPAN  
Parameter/Response: 1 Hz ~ 100 MHz  
Description: You can set or query span in Power Meter.  
Example:  
PMeter:FREQuency:SPAN 10.0 MHz  
PMeter:FREQuency:SPAN?

## **Resolution Bandwidth (RBW)**

### **SPECtrum:RBW:MODE**

Syntax: SPECtrum:RBW:MODE  
Parameter/Response: {Auto|Manual}  
Description: You can set or query RBW mode in Spectrum Analyzer.  
Example:  
SPECtrum:RBW:MODE Manual  
SPECtrum:RBW:MODE?

### **SPECtrum:RBW**

Syntax: SPECtrum:RBW  
Parameter/Response: 1 Hz ~ 3 MHz  
Description: You can set or query RBW value in Spectrum Analyzer.  
Example:  
SPECtrum:RBW 200 kHz  
SPECtrum:RBW?

### **SPECtrum:RBW**

Syntax: SPECtrum:RBW  
Parameter/Response: 1 Hz ~ 3 MHz  
Description: You can set or query RBW value in Spectrum Analyzer.  
Example:  
SPECtrum:RBW 200 kHz

### **SPECtrum:VBW:MODE**

Syntax: SPECtrum:VBW:MODE  
Parameter/Response: {Auto|Manual}  
Description: You can set or query VBW mode in Spectrum Analyzer.  
Example:  
SPECtrum:VBW:MODE Manual  
SPECtrum:VBW:MODE?

---

### **SPECTrum:VBW**

Syntax: SPECTrum:VBW

Parameter/Response: 1 Hz ~ 3 MHz

Description: You can set or query VBW value in Spectrum Analyzer.

Example:

SPECTrum:VBW 300 kHz

SPECTrum:VBW?

### **SPECTrum:VBW:RBW**

Syntax: SPECTrum:VBW:RBW

Parameter/Response: {1| 0.3| 0.1| 0.03| 0.01| 0.003}

Description: You can set or query RBW and VBW value in Spectrum Analyzer.

Example:

SPECTrum:VBW:RBW 0.3

SPECTrum:VBW:RBW?

### **SPECTrum:AVERage**

Syntax: SPECTrum:AVERage

Parameter/Response: 1 ~ 100

Description: You can set or query average number in Spectrum Analyzer.

Example:

SPECTrum:AVERage 10

SPECTrum:AVERage?

### **INTERference:RBW:MODE**

Syntax: INTERference:RBW:MODE

Parameter/Response: {Auto|Manual}

Description: You can set or query RBW mode in Spectrum Analyzer.

Example:

INTERference:RBW:MODE Manual

### **INTERference:RBW**

Syntax: INTERference:RBW

Parameter/Response: 1 Hz ~ 3 MHz

Description: You can set or query RBW value in Interference Analyzer.

Example:

INTERference:RBW 200 kHz

INTERference:RBW?

### **INTERference:VBW:MODE**

Syntax: INTERference:VBW:MODE

Parameter/Response: {Auto|Manual}

Description: You can set or query VBW mode in Interference Analyzer.

---

**Example:**

INTERference:VBW:MODE Manual  
INTERference:VBW:MODE?

**INTERference:VBW**

Syntax: INTERference:VBW

Parameter/Response: 1 Hz ~ 3 MHz

Description: You can set or query VBW value in Interference Analyzer.

**Example:**

INTERference:VBW 300 kHz

**INTERference:VBW:RBW**

Syntax: INTERference:VBW:RBW

Parameter/Response: {1| 0.3| 0.1| 0.03| 0.01| 0.003}

Description: You can set or query RBW and VBW value in Interference Analyzer.

**Example:**

SPECTrum:VBW:RBW 0.3

**INTERference:AVERage**

Syntax: INTERference:AVERage

Parameter/Response: 1 ~ 100

Description: You can set or query average number in Interference Analyzer.

**Example:**

INTERference:AVERage 10

**REALtime:RBW:MODE**

Syntax: REALtime:RBW:MODE

Parameter/Response: {Auto|Manual}

Description: You can set or query RBW mode in Real-time Spectrum Analyzer.

**Example:**

REALtime:RBW:MODE Manual

REALtime:RBW:MODE?

**REALtime:RBW**

Syntax: REALtime:RBW

Parameter/Response: 1 Hz ~ 3 MHz

Description: You can set or query RBW value in Real-time Spectrum Analyzer.

**Example:**

REALtime:RBW 200 kHz

**REALtime:AVERage**

Syntax: REALtime:AVERage

Parameter/Response: 1 ~ 100

---

Description: You can set or query average number in Real-time Spectrum Analyzer.

Example:

REALtime:AVERage 10

REALtime:AVERage?

### **SCANner:AVERage**

Syntax: SCANner:AVERage

Parameter/Response: 1 ~ 100

Description: You can set or query average value in Channel Scanner.

Example:

SCANner:AVERage 10

### **SCANner:FREQuency:AVERage**

Syntax: SCANner:AVERage

Parameter/Response: 1 ~ 100

Description: You can set or query average value in Frequency Scanner.

Example:

SCANner:FREQuency:AVERage 10

SCANner:FREQuency:AVERage?

### **SCANner:CUSTom:AVERage**

Syntax: SCANner:CUSTom:AVERage

Parameter/Response: 1 ~ 100

Description: You can set or query average value in Custom Scanner.

Example:

SCANner:CUSTom:AVERage 10

SCANner:CUSTom:AVERage?

## **Trace**

### **SPECTrum:TRAcE:SELEct**

Syntax: SPECTrum:TRAcE:SELEct

Parameter/Response: {Trace01|Trace02|Trace03|Trace04|Trace05|Trace06}

Description: You can set or query trace selection in Spectrum Analyzer.

Example:

SPECTrum:TRAcE:SELEct Trace02

SPECTrum:TRAcE:SELEct?

### **SPECTrum:TRAcE:CAPTure**

Syntax: SPECTrum:TRAcE:CAPTure

Parameter/Response: NA

Description: You can set trace capture in Spectrum Analyzer.

Example:

SPECTrum:TRAcE:CAPTure

---

### **SPECTrum:TRAcE:CLEAr:ALL**

Syntax: SPECTrum:TRAcE:CLEAr:ALL

Parameter/Response: NA

Description: You can clear all traces in Spectrum Analyzer.

Example:

SPECTrum:TRAcE:CLEAr:ALL

### **SPECTrum:TRAcE[1|2|3|4|5|6]:MODE**

Syntax: SPECTrum:TRAcE[1|2|3|4|5|6]:MODE

Parameter/Response: {On|Off}

Description: You can set or query trace mode in Spectrum Analyzer.

Example:

SPECTrum:TRAcE2:MODE On

SPECTrum:TRAcE2:MODE?

### **SPECTrum:TRAcE[1|2|3|4|5|6]:TYPE**

Syntax: SPECTrum:TRAcE[1|2|3|4|5|6]:TYPE

Parameter/Response: {Off|ClearWrite|Capture|Max|Min||Load|Calculate}

Description: You can set or query trace type in Spectrum Analyzer.

Example:

SPECTrum:TRAcE2:TYPE ClearWrite

SPECTrum:TRAcE2:TYPE?

### **SPECTrum:TRAcE:INFOrmation**

Syntax: SPECTrum:TRAcE:INFOrmation

Parameter/Response:

{None|Trace01|Trace02|Trace03|Trace04|Trace05|Trace06}

Description: You can set or query trace selection information in Spectrum Analyzer.

Example:

SPECTrum:TRAcE:INFOrmation Trace02

SPECTrum:TRAcE:INFOrmation?

### **SPECTrum:TRAcE:DETector**

Syntax: SPECTrum:TRAcE:DETector

Parameter/Response: {Normal|Peak|RMS|NegativePeak|Sample}

Description: You can set or query trace detector in Spectrum Analyzer.

Example:

SPECTrum:TRAcE:DETector Normal

### **SPECTrum:TRAcE#:DETector**

Syntax: SPECTrum:TRAcE#:DETector

Parameter/Response: {Normal|Peak|RMS|NegativePeak|Sample}

---

**Example:** `SPECTrum:TRAc1:DETEctor Normal |`  
`SPECTrum:TRAc1:DETEctor?`

**Description:** You can set or query detector for each trace from 1 to 6 in Spectrum Analyzer.

### **SPECTrum:TRAc:HOLD:TIME**

**Syntax:** `SPECTrum:TRAc:HOLD:TIME`

**Parameter/Response:** 0 ~ 100

**Description:** You can set or query trace hold time in Spectrum Analyzer.

**Example:**

`SPECTrum:TRAc:HOLD:TIME 10`

`SPECTrum:TRAc:HOLD:TIME?`

### **SPECTrum:TRAc[1|2|3|4|5|6]:INFOrmation:DETEctor**

**Syntax:** `SPECTrum:TRAc[1|2|3|4|5|6]:INFOrmation:DETEctor`

**Parameter/Response:** NA

**Description:** You can query trace detector information in Spectrum Analyzer.

**Example:**

`SPECTrum:TRAc:HOLD:TIME 10`

`SPECTrum:TRAc:HOLD:TIME?`

### **SPECTrum:TRAc[1|2|3|4|5|6]:INFOrmation:RBW**

**Syntax:** `SPECTrum: SPECTrum:TRAc[1|2|3|4|5|6]:INFOrmation:RBW`

**Parameter/Response:** NA

**Description:** You can query trace RBW information in Spectrum Analyzer.

**Example:**

`SPECTrum:TRAc2:INFOrmation:RBW?`

### **SPECTrum:TRAc[1|2|3|4|5|6]:INFOrmation:VBW**

**Syntax:** `SPECTrum: SPECTrum:TRAc[1|2|3|4|5|6]:INFOrmation:VBW`

**Parameter/Response:** NA

**Description:** You can query trace VBW information in Spectrum Analyzer.

**Example:**

`SPECTrum:TRAc2:INFOrmation:VBW?`

### **SPECTrum:TRAc[1|2|3|4|5|6]:INFOrmation:AVERage**

**Syntax:** `SPECTrum: SPECTrum:TRAc[1|2|3|4|5|6]:INFOrmation:AVERage`

**Parameter/Response:** NA

**Description:** You can query trace average number information in Spectrum Analyzer.

**Example:**

`SPECTrum:TRAc2:INFOrmation:AVERage?`



---

### **SPECTrum:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmp1**

Syntax: SPECTrum: SPECTrum:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmp1

Parameter/Response: NA

Description: You can query trace preamp1 information in Spectrum Analyzer.

Example:

SPECTrum:TRAcE2:INFOrmation:PREAmp1?

### **SPECTrum:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmp2**

Syntax: SPECTrum: SPECTrum:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmp2

Parameter/Response: NA

Description: You can query trace preamp2 information in Spectrum Analyzer.

Example:

SPECTrum:TRAcE2:INFOrmation:PREAmp2?

### **SPECTrum:TRAcE[1|2|3|4|5|6]:INFOrmation:ATTenuation**

Syntax: SPECTrum: SPECTrum:TRAcE[1|2|3|4|5|6]:INFOrmation:ATTenuation

Parameter/Response: NA

Description: You can set trace attenuation information in Spectrum Analyzer.

Example:

SPECTrum:TRAcE2:INFOrmation:ATTenuation?

### **SPECTrum:TRAcE[1|2|3|4|5|6]:INFOrmation:EXTernal**

Syntax: SPECTrum: SPECTrum:TRAcE[1|2|3|4|5|6]:INFOrmation:EXTernal

Parameter/Response: NA

Description: You can set trace external offset information in Spectrum Analyzer.

Example:

SPECTrum:TRAcE2:INFOrmation:EXTernal?

### **SPECTrum:TRAcE:DATA**

Syntax: SPECTrum:TRAcE:DATA

Parameter/Response: NA

Description: You can query trace points in Spectrum Analyzer.

Example:

SPECTrum:TRAcE:DATA?

### **INTERference:TRAcE:SElect**

Syntax: INTERference:TRAcE:SElect

Parameter/Response: {Trace01|Trace02|Trace03|Trace04|Trace05|Trace06}

Description: You can set or query trace selection in Interference Analyzer.

Example:

INTERference:TRAcE:SElect Trace02

INTERference:TRAcE:SElect?

---

### **INTERference:TRAcE:CAPTure**

Syntax: INTERference:TRAcE:SELEct

Parameter/Response: NA

Description: You can set trace capture in Interference Analyzer.

Example:

```
INTERference:TRAcE:CAPTure
```

### **INTERference:TRAcE:CLEAR:ALL**

Syntax: INTERference:TRAcE:CLEAR:ALL

Parameter/Response: NA

Description: You can clear all traces in Interference Analyzer.

Example:

```
INTERference:TRAcE:CLEAR:ALL
```

### **INTERference:TRAcE[1|2|3|4|5|6]:MODE**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:MODE

Parameter/Response: {On|Off}

Description: You can set or query trace mode in Interference Analyzer.

Example:

```
INTERference:TRAcE2:MODE On
```

```
INTERference:TRAcE2:MODE?
```

### **INTERference:TRAcE[1|2|3|4|5|6]:TYPE**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:TYPE

Parameter/Response: {Off|ClearWrite|Capture|Max|Min||Load|Calculate}

Description: You can set or query trace type in Interference Analyzer.

Example:

```
INTERference:TRAcE2:TYPE ClearWrite
```

```
INTERference:TRAcE2:TYPE?
```

### **INTERference:TRAcE:INFORmation**

Syntax: INTERference:TRAcE:INFORmation

Parameter/Response:

{None|Trace01|Trace02|Trace03|Trace04|Trace05|Trace06}

Description: You can set or query trace selection information in Interference Analyzer.

Example:

```
INTERference:TRAcE:INFORmation Trace02
```

```
INTERference:TRAcE:INFORmation?
```

### **INTERference:TRAcE:DETEctor**

Syntax: INTERference:TRAcE:DETEctor

Parameter/Response: {Normal|Peak|RMS|NegativePeak|Sample}

---

Description: You can set or query trace selection detector in Interference Analyzer.

Example:

```
INTERference:TRAcE:DETEctor Normal  
INTERference:TRAcE:DETEctor?
```

### **INTERference:TRAcE:HOLD:TIME**

Syntax: INTERference:TRAcE:DETEctor

Parameter/Response: 0 ~ 100

Description: You can set or query trace hold time in Interference Analyzer.

Example:

```
INTERference:TRAcE:HOLD:TIME 10  
INTERference:TRAcE:HOLD:TIME?
```

### **INTERference:TRAcE[1|2|3|4|5|6]:INFORMATION:DETECTOR**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:INFORMATION:DETECTOR

Parameter/Response: NA

Description: You can query trace detector information in Interference Analyzer.

Example:

```
INTERference:TRAcE2:INFORMATION:DETECTOR?
```

### **INTERference:TRAcE[1|2|3|4|5|6]:INFORMATION:RBW**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:INFORMATION:RBW

Parameter/Response: NA

Description: You can query trace RBW information in Interference Analyzer.

Example:

```
INTERference:TRAcE2:INFORMATION:RBW?
```

### **INTERference:TRAcE[1|2|3|4|5|6]:INFORMATION:VBW**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:INFORMATION:VBW

Parameter/Response: NA

Description: You can query trace VBW information in Interference Analyzer.

Example:

```
INTERference:TRAcE2:INFORMATION:VBW?
```

### **INTERference:TRAcE[1|2|3|4|5|6]:INFORMATION:AVERAGE**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:INFORMATION:AVERAGE

Parameter/Response: NA

Description: You can query trace average number information in Interference Analyzer.

Example:

```
INTERference:TRAcE2:INFORMATION:AVERAGE?
```

---

### **INTERference:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmP1**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmP1

Parameter/Response: NA

Description: You can query trace preamp1 information in Interference Analyzer.

Example:

INTERference:TRAcE2:INFOrmation:PREAmP1?

### **INTERference:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmP2**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmP2

Parameter/Response: NA

Description: You can query trace preamp2 information in Interference Analyzer.

Example:

INTERference:TRAcE2:INFOrmation:PREAmP2?

### **INTERference:TRAcE[1|2|3|4|5|6]:INFOrmation:ATTenuation**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:INFOrmation:ATTenuation

Parameter/Response: NA

Description: You can query trace attenuation information in Interference Analyzer.

Example:

INTERference:TRAcE2:INFOrmation:ATTenuation?

### **INTERference:TRAcE[1|2|3|4|5|6]:INFOrmation:EXTernal**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:INFOrmation:EXTernal

Parameter/Response: NA

Description: You can query trace external offset information in Interference Analyzer.

Example:

SPECTrum:TRAcE2:INFOrmation:EXTernal?

### **INTERference:TRAcE:DATA**

Syntax: INTERference:TRAcE[1|2|3|4|5|6]:INFOrmation:EXTernal

Parameter/Response: NA

Description: You can query trace points in Interference Analyzer.

Example:

INTERference:TRAcE:DATA?

### **REALtime:TRAcE:SELEct**

Syntax: REALtime:TRAcE:SELEct

Parameter/Response: {Trace01|Trace02|Trace03|Trace04|Trace05|Trace06}

Description: You can set or query trace selection in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE:SELEct Trace02

REALtime:TRAcE:SELEct?

---

### **REALtime:TRAcE:CAPTure**

Syntax: REALtime:TRAcE:CAPTure

Parameter/Response: NA

Description: You can set trace capture in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE:CAPTure

### **REALtime:TRAcE:CLEAr:ALL**

Syntax: REALtime:TRAcE:CLEAr:ALL

Parameter/Response: NA

Description: You can clear all traces in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE:CLEAr:ALL

### **REALtime:TRAcE[1|2|3|4|5|6]:MODE**

Syntax: TRAcE[1|2|3|4|5|6]:MODE

Parameter/Response: {On|Off}

Description: You can set or query trace mode in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE2:MODE On

REALtime:TRAcE2:MODE?

### **REALtime:TRAcE[1|2|3|4|5|6]:TYPE**

Syntax: TRAcE[1|2|3|4|5|6]:TYPE

Parameter/Response: {Off|ClearWrite|Capture|Max|Min||Load|Calculate}

Description: You can set or query trace type in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE2:TYPE ClearWrite

REALtime:TRAcE2:TYPE?

### **REALtime:TRAcE:INFOrmation**

Syntax: REALtime:TRAcE:INFOrmation

Parameter/Response:

{None|Trace01|Trace02|Trace03|Trace04|Trace05|Trace06}

Description: You can set or query trace selection information in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE:INFOrmation Trace02

REALtime:TRAcE:INFOrmation?

### **REALtime:TRAcE:DETector**

Syntax: REALtime:TRAcE:DETector

Parameter/Response: {Normal|Peak|RMS|NegativePeak|Sample}

---

Description: You can query trace selection detector in Real-time Spectrum Analyzer.

Example:

```
REALtime:TRAcE:DETEctor Normal
```

```
REALtime:TRAcE:DETEctor?
```

### **REALtime:TRAcE:HOLD:TIME**

Syntax: REALtime:TRAcE:HOLD:TIME

Parameter/Response: 0 ~ 100

Description: You can query trace hold time in Real-time Spectrum Analyzer.

Example:

```
REALtime:TRAcE:HOLD:TIME 10
```

```
REALtime:TRAcE:HOLD:TIME?
```

### **REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:DETEctor**

Syntax: REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:DETEctor

Parameter/Response: NA

Description: You can query trace detector information in Real-time Spectrum Analyzer.

Example:

```
REALtime:TRAcE2:INFOrmation:DETEctor?
```

### **REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:RBW**

Syntax: REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:RBW

Parameter/Response: NA

Description: You can query trace RBW information in Real-time Spectrum Analyzer.

Example:

```
REALtime:TRAcE2:INFOrmation:RBW?
```

### **REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:VBW**

Syntax: REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:VBW

Parameter/Response: NA

Description: You can query trace VBW information in Real-time Spectrum Analyzer.

Example:

```
REALtime:TRAcE2:INFOrmation:VBW?
```

### **REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:AVErAge**

Syntax: REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:AVErAge

Parameter/Response: NA

Description: You can query trace average number information in Real-time Spectrum Analyzer.

Example:

```
REALtime:TRAcE2:INFOrmation:AVErAge?
```

---

### **REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmP1**

Syntax: REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmP1

Parameter/Response: NA

Description: You can query trace preamp1 information in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE2:INFOrmation:PREAmP1?

### **REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmP2**

Syntax: REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:PREAmP2

Parameter/Response: NA

Description: You can query trace preamp2 information in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE2:INFOrmation:PREAmP2?

### **REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:ATTenuation**

Syntax: REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:ATTenuation

Parameter/Response: NA

Description: You can query trace attenuation information in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE2:INFOrmation:ATTenuation?

### **REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:EXTernal**

Syntax: REALtime:TRAcE[1|2|3|4|5|6]:INFOrmation:EXTernal

Parameter/Response: NA

Description: You can query trace external offset information in Real-time Spectrum Analyzer.

Example:

SPECTrum:TRAcE2:INFOrmation:EXTernal?

### **REALtime:TRAcE:DATA**

Syntax: REALtime:TRAcE:DATA

Parameter/Response: NA

Description: You can query trace points in Real-time Spectrum Analyzer.

Example:

REALtime:TRAcE:DATA?

## **Marker**

### **SPECTrum:MARKer:SElect**

Syntax: SPECTrum:MARKer:SElect

---

Parameter/Response:

{Marker01|Marker02|Marker03|Marker04|Marker05|Marker06}

Description: You can set or query marker selection in Spectrum Analyzer.

Example:

SPECTrum:MARKer:SElect Marker02

SPECTrum:MARKer:SElect?

### **SPECTrum:MARKer:FREQuency:COUNt**

Syntax: SPECTrum:MARKer:FREQuency:COUNt

Parameter/Response: {On|Off}

Description: You can set or query marker frequency count in Spectrum Analyzer.

Example:

SPECTrum:MARKer:FREQuency:COUNt On

SPECTrum:MARKer:FREQuency:COUNt?

### **SPECTrum:MARKer[1|2|3|4|5|6]**

Syntax: SPECTrum:MARKer[1|2|3|4|5|6]

Parameter/Response: {On|Off}

Description: You can enable/disable the marker or query marker in Spectrum Analyzer.

Example:

SPECTrum:MARKer2 On

SPECTrum:MARKer2?

### **SPECTrum:MARKer[1|2|3|4|5|6]:TYPE**

Syntax: SPECTrum:MARKer[1|2|3|4|5|6]:TYPE

Parameter/Response: {Normal,Delta,DeltaPair}

Description: You can set or query marker type in Spectrum Analyzer.

Example:

SPECTrum:MARKer2:TYPE Delta

SPECTrum:MARKer2:TYPE?

### **SPECTrum:MARKer[1|2|3|4|5|6]:NOISe**

Syntax: SPECTrum:MARKer[1|2|3|4|5|6]:NOISe

Parameter/Response: {On|Off}

Description: You can enable/disable the marker noise or query marker noise in Spectrum Analyzer.

Example:

SPECTrum:MARKer2:NOISe On

SPECTrum:MARKer2:NOISe?

### **SPECTrum:MARKer[1|2|3|4|5|6]:FREQuency**

Syntax: SPECTrum:MARKer[1|2|3|4|5|6]:FREQuency

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Description: You can set or query marker frequency in Spectrum Analyzer.



---

Example:

SPECTrum:MARKer2:FREQuency 1 GHz

SPECTrum:MARKer2:FREQuency?

### **SPECTrum:MARKer[1|2|3|4|5|6]:DELTA:FREQuency**

Syntax: SPECTrum:MARKer[1|2|3|4|5|6]:DELTA:FREQuency

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Description: You can set or query delta marker frequency in Spectrum Analyzer.

Example:

SPECTrum:MARKer2:DELTA:FREQuency 1.01 GHz

SPECTrum:MARKer2:DELTA:FREQuency?

### **SPECTrum:MARKer[1|2|3|4|5|6]:ALWAYS**

Syntax: SPECTrum:MARKer[1|2|3|4|5|6]:ALWAYS

Parameter/Response: {On|Off}

Description: You can set marker always on or off or query marker always in Spectrum Analyzer.

Example:

SPECTrum:MARKer2:ALWAYS On

SPECTrum:MARKer2:ALWAYS?

### **SPECTrum[:SPECTrum]:MARKer[1|2|3|4|5|6]:RESULT:POWER**

Syntax: SPECTrum[:SPECTrum]:MARKer[1|2|3|4|5|6]:RESULT:POWER

Parameter/Response: NA

Description: You can query Spectrum Marker Amplitude in Spectrum Analyzer.

Example:

SPECTrum:MARKer1:RESULT:POWER?

### **SPECTrum[:SPECTrum]:MARKer[1|2|3|4|5|6]:DELTA:RESULT:POWER**

Syntax: SPECTrum[:SPECTrum]:MARKer[1|2|3|4|5|6]:DELTA:RESULT:POWER

Parameter/Response: NA

Description: You can query Spectrum Delta Marker Amplitude in Spectrum Analyzer.

Example:

SPECTrum:MARKer1:DELTA:RESULT:POWER?

### **SPECTrum:MARKer:OFF:ALL**

Syntax: SPECTrum:MARKer:OFF:ALL

Parameter/Response: NA

Description: You can set all marker off in Spectrum Analyzer.

Example:

SPECTrum:MARKer:OFF:ALL

---

### **SPECTrum:MARKer:MOVE:START**

Syntax: SPECTrum:MARKer:MOVE:START

Parameter/Response: NA

Description: You can move to start marker in Spectrum Analyzer.

Example:

SPECTrum:MARKer:MOVE:START

### **SPECTrum:MARKer:MOVE:STOP**

Syntax: SPECTrum:MARKer:MOVE:STOP

Parameter/Response: NA

Description: You can move to stop marker in Spectrum Analyzer.

Example:

SPECTrum:MARKer:MOVE:STOP

### **SPECTrum:MARKer:MOVE:CENTer**

Syntax: SPECTrum:MARKer:MOVE:CENTer

Parameter/Response: NA

Description: You can move to center marker in Spectrum Analyzer.

Example:

SPECTrum:MARKer:MOVE:CENTer

### **SPECTrum:MARKer:SEARch:PEAK**

Syntax: SPECTrum:MARKer:SEARch:PEAK

Parameter/Response: NA

Description: You can set marker to the peak search in Spectrum Analyzer.

Example:

SPECTrum:MARKer:SEARch:PEAK

### **SPECTrum:MARKer:SEARch:NEXT**

Syntax: SPECTrum:MARKer:SEARch:NEXT

Parameter/Response: NA

Description: You can set marker to the next peak search in Spectrum Analyzer.

Example:

SPECTrum:MARKer:SEARch:NEXT

### **SPECTrum:MARKer:SEARch:RIGHT**

Syntax: SPECTrum:MARKer:SEARch:RIGHT

Parameter/Response: NA

Description: You can set marker to the right peak search in Spectrum Analyzer.

Example:

SPECTrum:MARKer:SEARch:RIGHT

---

### **SPECTrum:MARKer:SEARch:LEFT**

Syntax: SPECTrum:MARKer:SEARch:LEFT

Parameter/Response: NA

Description: You can set marker to the left peak search in Spectrum Analyzer.

Example:

SPECTrum:MARKer:SEARch:LEFT

### **SPECTrum:MARKer:SEARch:MINimum**

Syntax: SPECTrum:MARKer:SEARch:MINimum

Parameter/Response: NA

Description: You can set marker to the minimum search in Spectrum Analyzer.

Example:

SPECTrum:MARKer:SEARch:MINimum

### **INTERference:MARKer:SElect**

Syntax: INTERference:MARKer:SElect

Parameter/Response:

{Marker01|Marker02|Marker03|Marker04|Marker05|Marker06}

Description: You can set or query marker selection in Interference Analyzer.

Example:

INTERference:MARKer:SElect Marker02

INTERference:MARKer:SElect?

### **INTERference:MARKer:FREQuency:COUNt**

Syntax: INTERference:MARKer:FREQuency:COUNt

Parameter/Response: {On|Off}

Description: You can set on or off or query marker frequency count in Interference Analyzer.

Example:

INTERference:MARKer:FREQuency:COUNt On

INTERference:MARKer:FREQuency:COUNt?

### **INTERference:MARKer[1|2|3|4|5|6]**

Syntax: INTERference:MARKer[1|2|3|4|5|6]

Parameter/Response: {On|Off}

Description: You can set or query marker on/off in Interference Analyzer.

Example:

INTERference:MARKer2 On

INTERference:MARKer2?

### **INTERference:MARKer[1|2|3|4|5|6]:TYPE**

Syntax: INTERference:MARKer[1|2|3|4|5|6]:TYPE

Parameter/Response: {Normal,Delta,DeltaPair}

---

Description: You can set or query marker type in Interference Analyzer.

Example:

```
INTERference:MARKer2:TYPE Delta
```

```
INTERference:MARKer2:TYPE?
```

### **INTERference:MARKer[1|2|3|4|5|6]:NOISe**

Syntax: INTERference:MARKer[1|2|3|4|5|6]:NOISe

Parameter/Response: {On|Off}

Description: You can set marker noise on or off or query marker noise in Interference Analyzer.

Example:

```
INTERference:MARKer2:NOISe On
```

```
INTERference:MARKer2:NOISe?
```

### **INTERference:MARKer[1|2|3|4|5|6]:FREQuency**

Syntax: INTERference:MARKer[1|2|3|4|5|6]:FREQuency

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query marker frequency in Interference Analyzer.

Example:

```
INTERference:MARKer2:FREQuency 1 GHz
```

```
INTERference:MARKer2:FREQuency?
```

### **INTERference:MARKer[1|2|3|4|5|6]:DELTa:FREQuency**

Syntax: INTERference:MARKer[1|2|3|4|5|6]:DELTa:FREQuency

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can query delta marker frequency in Interference Analyzer.

Example:

```
INTERference:MARKer2:DELTa:FREQuency?
```

### **INTERference:MARKer[1|2|3|4|5|6]:DELTa:AMPLitude**

Syntax: INTERference:MARKer[1|2|3|4|5|6]:DELTa:AMPLitude

Parameter/Response: -120 ~ 100

Description: You can query delta marker amplitude in Interference Analyzer.

Example:

```
INTERference:MARKer2:DELTa:AMPLitude?
```

### **INTERference:MARKer[1|2|3|4|5|6]:ALWays**

Syntax: INTERference:MARKer[1|2|3|4|5|6]:ALWays

Parameter/Response: {On|Off}

Description: You can set or query marker always on or off in Interference Analyzer.

Example:

```
INTERference:MARKer2:DELTa:AMPLitude?
```

---

### **INTERference:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: INTERference:MARKer[1|2|3|4|5|6]:RESUlt:POWer

Parameter/Response: NA

Description: You can query marker amplitude in Interference Analyzer

Example:

INTERference:MARKer1:RESUlt:POWer?

### **INTERference:MARKer[1|2|3|4|5|6]:DELTa:RESUlt:POWer**

Syntax: INTERference:MARKer[1|2|3|4|5|6]:DELTa:RESUlt:POWer

Parameter/Response: NA

Description: You can query Delta marker amplitude in Interference Analyzer

Example:

INTERference:MARKer1:DELTa:RESUlt:POWer?

### **INTERference:MARKer[1|2|3|4|5|6]:OFF:ALL**

Syntax: INTERference:MARKer[1|2|3|4|5|6]:OFF:ALL

Parameter/Response: NA

Description: You can set all markers to off in Interference Analyzer.

Example:

INTERference:MARKer:OFF:ALL

### **INTERference:MARKer:MOVE:START**

Syntax: INTERference:MARKer:MOVE:START

Parameter/Response: NA

Description: You can set marker to the start position in Interference Analyzer.

Example:

INTERference:MARKer:MOVE:START

### **INTERference:MARKer:MOVE:STOP**

Syntax: INTERference:MARKer:MOVE:STOP

Parameter/Response: NA

Description: You can set marker to the stop position in Interference Analyzer.

Example:

INTERference:MARKer:MOVE:STOP

### **INTERference:MARKer:MOVE:CENTer**

Syntax: INTERference:MARKer:MOVE:CENTer

Parameter/Response: NA

Description: You can set marker to the center position in Interference Analyzer.

Example:

INTERference:MARKer:MOVE:CENTer

---

### **INTERference:MARKer:SEARch:PEAK**

Syntax: INTERference:MARKer:SEARch:PEAK

Parameter/Response: NA

Description: You can set marker to the peak search in Interference Analyzer.

Example:

INTERference:MARKer:SEARch:PEAK

### **INTERference:MARKer:SEARch:NEXT**

Syntax: INTERference:MARKer:SEARch:NEXT

Parameter/Response: NA

Description: You can set marker to the next peak search in Interference Analyzer.

Example:

INTERference:MARKer:SEARch:NEXT

### **INTERference:MARKer:SEARch:RIGHT**

Syntax: INTERference:MARKer:SEARch:RIGHT

Parameter/Response: NA

Description: You can set marker to the right peak search in Interference Analyzer.

Example:

INTERference:MARKer:SEARch:RIGHT

### **INTERference:MARKer:SEARch:LEFT**

Syntax: INTERference:MARKer:SEARch:LEFT

Parameter/Response: NA

Description: You can set marker to the left peak search in Interference Analyzer.

Example:

INTERference:MARKer:SEARch:LEFT

### **INTERference:MARKer:SEARch:MINimum**

Syntax: INTERference:MARKer:SEARch:MINimum

Parameter/Response: NA

Description: You can set marker to the minimum peak search in Interference Analyzer.

Example:

INTERference:MARKer:SEARch:MINimum

### **REALtime:MARKer:SElect**

Syntax: REALtime:MARKer:SElect

Parameter/Response:

{Marker01|Marker02|Marker03|Marker04|Marker05|Marker06}

Description: You can set or query marker selection in Real-time Spectrum Analyzer.

Example:

---

```
REALtime:MARKer:SElect Marker02  
REALtime:MARKer:SElect?
```

### **REALtime:MARKer:FREQuency:COUNT**

Syntax: REALtime:MARKer:FREQuency:COUNT

Parameter/Response: {On|Off}

Description: You can set or query marker frequency count on or off in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer:SElect Marker02  
REALtime:MARKer:SElect?
```

### **REALtime:MARKer[1|2|3|4|5|6]**

Syntax: REALtime:MARKer[1|2|3|4|5|6]

Parameter/Response: {On|Off}

Description: You can set or query marker on or off in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer2 On  
REALtime:MARKer2?
```

### **REALtime:MARKer[1|2|3|4|5|6]:SHAPE**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:SHAPE

Parameter/Response: {Trace,HitMap}

Description: You can set or query marker shape in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer2:SHAPE HitMap  
REALtime:MARKer2:SHAPE?
```

### **REALtime:MARKer[1|2|3|4|5|6]:TYPE**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:TYPE

Parameter/Response: [Normal,Delta,DeltaPair]

Description: You can set or query marker type in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer2:TYPE Delta  
REALtime:MARKer2:TYPE?
```

### **REALtime:MARKer[1|2|3|4|5|6]:NOISE**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:NOISE

Parameter/Response: {On|Off}

Description: You can set or query marker noise in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer2:NOISE On  
REALtime:MARKer2:NOISE?
```

---

### **REALtime:MARKer[1|2|3|4|5|6]:FREQuency**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:FREQuency

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Description: You can set or query marker frequency in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer2:FREQuency 1 GHz
```

```
REALtime:MARKer2:FREQuency?
```

### **REALtime:MARKer[1|2|3|4|5|6]:FREQuency**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:FREQuency

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query marker frequency in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer2:FREQuency 1 GHz
```

```
REALtime:MARKer2:FREQuency?
```

### **REALtime:MARKer[1|2|3|4|5|6]:AMPLitude**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:AMPLitude

Parameter/Response: -120 ~ 100

Description: You can set or query marker amplitude in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer2:AMPLitude 20
```

```
REALtime:MARKer2:AMPLitude?
```

### **REALtime:MARKer[1|2|3|4|5|6]:DELTA:FREQuency**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:DELTA:FREQuency

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can query delta marker frequency in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer2:DELTA:FREQuency?
```

### **REALtime:MARKer[1|2|3|4|5|6]:DELTA:AMPLitude**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:DELTA:AMPLitude

Parameter/Response: -120 ~ 100

Description: You can query delta marker amplitude in Real-time Spectrum Analyzer.

Example:

```
REALtime:MARKer2:DELTA:AMPLitude?
```



---

### **REALtime:MARKer[1|2|3|4|5|6]:ALWays**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:DELTA:AMPLitude

Parameter/Response: {On|Off}

Description: You can set or query marker always on or off in Real-time Spectrum Analyzer.

Example:

REALtime:MARKer2:ALWays On

REALtime:MARKer2:ALWays?

### **REALtime:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:DELTA:AMPLitude

Parameter/Response:

Description: You can query marker amplitude in Real-time Spectrum Analyzer.

Example:

REALtime:MARKer1:RESUlt:POWer?

### **REALtime:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:DELTA:AMPLitude

Parameter/Response:

Description: You can query Delta marker amplitude in Real-time Spectrum Analyzer.

Example:

REALtime:MARKer1:DELTA:RESUlt:POWer?

### **REALtime:MARKer[1|2|3|4|5|6]:RESUlt:RATio**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:RESUlt:RATio

Parameter/Response:

Description: You can query marker ratio in Real-time Spectrum Analyzer.

Example:

REALtime:MARKer1:RESUlt:RATio?

### **REALtime:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:RATio**

Syntax: REALtime:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:RATio

Parameter/Response:

Description: You can query Delta marker ratio in Real-time Spectrum Analyzer.

Example:

REALtime:MARKer1:DELTA:RESUlt:RATio?

### **REALtime:MARKer#:DELTA:RESUlt:FREQuency**

Syntax: REALtime:MARKer#:DELTA:RESUlt:FREQuency

Parameter/Response:

Example:

REALtime:MARKer2:DELTA:RESUlt:FREQuency?

---

Description: You can query Delta marker (from 1 to 6) frequency in Real-time Spectrum Analyzer.

#### **REALtime:MARKer#:RESUlt:FREQuency**

Syntax: REALtime:MARKer#:RESUlt:FREQuency

Parameter/Response:

Example:

REALtime:MARKer2:RESUlt:FREQuency?

Description: You can query frequency marker (from 1 to 6) result in Real-time Spectrum Analyzer.

#### **REALtime:MARKer:OFF:ALL**

Syntax: REALtime:MARKer:OFF:ALL

Parameter/Response: NA

Description: You can set markers all off in Real-time Spectrum Analyzer.

Example:

REALtime:MARKer:OFF:ALL

#### **REALtime:MARKer:MOVE:START**

Syntax: REALtime:MARKer:MOVE:START

Parameter/Response: NA

Description: You can set marker to the start position in Real-time Spectrum Analyzer.

Example:

REALtime:MARKer:MOVE:START

#### **REALtime:MARKer:MOVE:STOP**

Syntax: REALtime:MARKer:MOVE:STOP

Parameter/Response: NA

Description: You can set marker to the stop position in Real-time Spectrum Analyzer.

Example:

REALtime:MARKer:MOVE:STOP

#### **REALtime:MARKer:MOVE:CENTer**

Syntax: REALtime:MARKer:MOVE:CENTer

Parameter/Response: NA

Description: You can set marker to the center position in Real-time Spectrum Analyzer.

Example:

REALtime:MARKer:MOVE:CENTer

#### **REALtime:MARKer:SEARch:PEAK**

Syntax: REALtime:MARKer:SEARch:PEAK

---

Parameter/Response: NA

Description: You can set marker to the peak search in Real-time Spectrum Analyzer.

Example:

`REALtime:MARKer:SEARch:PEAK`

#### **REALtime:MARKer:SEARch:NEXT**

Syntax: `REALtime:MARKer:SEARch:NEXT`

Parameter/Response: NA

Description: You can set marker to the next peak search in Real-time Spectrum Analyzer.

Example:

`REALtime:MARKer:SEARch:NEXT`

#### **REALtime:MARKer:SEARch:RIGHT**

Syntax: `REALtime:MARKer:SEARch:RIGHT`

Parameter/Response: NA

Description: You can set marker to the right peak search in Real-time Spectrum Analyzer.

Example:

`REALtime:MARKer:SEARch:RIGHT`

#### **REALtime:MARKer:SEARch:LEFT**

Syntax: `REALtime:MARKer:SEARch:LEFT`

Parameter/Response: NA

Description: You can set marker to the left peak search in Real-time Spectrum Analyzer.

Example:

`REALtime:MARKer:SEARch:LEFT`

#### **REALtime:MARKer:SEARch:MINimum**

Syntax: `REALtime:MARKer:SEARch:MINimum`

Parameter/Response: NA

Description: You can set marker to the minimum peak search in Real-time Spectrum Analyzer.

Example:

`REALtime:MARKer:SEARch:MINimum`

#### **SCANner:MARKer:SElect**

Syntax: `SCANner:MARKer:SElect`

Parameter/Response:

`{Marker01|Marker02|Marker03|Marker04|Marker05|Marker06}`

Description: You can set or query marker selection in Scanner.

Example:

`SCANner:MARKer:SElect Marker02`

---

`SCANner:MARKer:SElect?`

### **SCANner:MARKer[1|2|3|4|5|6]**

Syntax: `SCANner:MARKer[1|2|3|4|5|6]`

Parameter/Response: {On|Off}

Description: You can set or query marker on or off in Scanner.

Example:

`SCANner:MARKer2 On`

`SCANner:MARKer2?`

### **SCANner:MARKer[1|2|3|4|5|6]:TYPE**

Syntax: `SCANner:MARKer[1|2|3|4|5|6]:TYPE`

Parameter/Response: {Normal,Delta,DeltaPair}

Description: You can set or query marker type in Scanner.

Example:

`SCANner:MARKer2:TYPE Delta`

`SCANner:MARKer2:TYPE?`

### **SCANner:MARKer[1|2|3|4|5|6]:INDEX**

Syntax: `SCANner:MARKer[1|2|3|4|5|6]:INDEX`

Parameter/Response: 1 ~ 20

Description: You can set or query marker index in Scanner.

Example:

`SCANner:MARKer2:INDEX 1 GHz`

`SCANner:MARKer2:INDEX?`

### **SCANner:MARKer[1|2|3|4|5|6]:DELTA:INDEX**

Syntax: `SCANner:MARKer[1|2|3|4|5|6]:DELTA:INDEX`

Parameter/Response: NA

Description: You can query delta marker index in Scanner.

Example:

`SCANner:MARKer2:DELTA:INDEX?`

---

### **SCANner:MARKer[1|2|3|4|5|6]:ALWAYS**

Syntax: SCANner:MARKer[1|2|3|4|5|6]:ALWAYS

Parameter/Response: {On|Off}

Description: You can set or query marker always on or off in Scanner.

Example:

SCANner:MARKer2:ALWAYS On

SCANner:MARKer2:ALWAYS?

### **SCANner:MARKer[1|2|3|4|5|6]:RESULT:POWER**

Syntax: SCANner:MARKer[1|2|3|4|5|6]:RESULT:POWER

Parameter/Response: NA

Description: You can query marker amplitude in Channel Scanner.

Example:

SCANner:MARKer2:RESULT:POWER?

### **SCANner:MARKer[1|2|3|4|5|6]:FREQUENCY:DELTA:RESULT:POWER**

Syntax: SCANner:MARKer[1|2|3|4|5|6]:FREQUENCY:DELTA:RESULT:POWER

Parameter/Response: NA

Description: You can query delta marker amplitude in Channel Scanner.

Example:

SCANner:MARKer2:FREQUENCY:DELTA:RESULT:POWER?

### **SCANner:MARKer[1|2|3|4|5|6]:FREQUENCY:RESULT:POWER**

Syntax: SCANner:MARKer[1|2|3|4|5|6]:FREQUENCY:RESULT:POWER

Parameter/Response: NA

Description: You can query marker amplitude in Frequency Scanner.

Example:

SCANner:MARKer2:FREQUENCY:RESULT:POWER?

### **SCANner:MARKer[1|2|3|4|5|6]:FREQUENCY:DELTA:RESULT:POWER**

Syntax: SCANner:MARKer[1|2|3|4|5|6]:FREQUENCY:DELTA:RESULT:POWER

Parameter/Response: NA

Description: You can query delta marker amplitude in Frequency Scanner.

Example:

SCANner:MARKer2:FREQUENCY:DELTA:RESULT:POWER?

### **SCANner:MARKer[1|2|3|4|5|6]:CUSTOM:RESULT:POWER**

Syntax: SCANner:MARKer[1|2|3|4|5|6]:CUSTOM:RESULT:POWER

Parameter/Response: NA

Description: You can query marker amplitude in Custom Scanner.

Example:

SCANner:MARKer2:CUSTOM:RESULT:POWER?

---

### **SCANner:MARKer[1|2|3|4|5|6]:CUSTom:DELTA:RESUlt:POWer**

Syntax: SCANner:MARKer[1|2|3|4|5|6]:CUSTom:DELTA:RESUlt:POWer

Parameter/Response: NA

Description: You can query delta marker amplitude in Custom Scanner.

Example:

SCANner:MARKer2:CUSTom:DELTA:RESUlt:POWer?

### **SCANner:MARKer:OFF:ALL**

Syntax: SCANner:MARKer:OFF:ALL

Parameter/Response: NA

Description: You can set markers all off in Scanner.

Example:

SCANner:MARKer:OFF:ALL

### **SCANner:MARKer:SEARCh:PEAK**

Syntax: SCANner:MARKer:SEARCh:PEAK

Parameter/Response: NA

Description: You can set marker to the peak search in Scanner.

Example:

SCANner:MARKer:SEARCh:PEAK

### **SCANner:MARKer:SEARCh:NEXT**

Syntax: SCANner:MARKer:SEARCh:NEXT

Parameter/Response: NA

Description: You can set marker to the next peak search in Scanner.

Example:

SCANner:MARKer:SEARCh:NEXT

### **SCANner:MARKer:SEARCh:RIGHT**

Syntax: SCANner:MARKer:SEARCh:RIGHT

Parameter/Response: NA

Description: You can set marker to the right peak search in Scanner.

Example:

SCANner:MARKer:SEARCh:RIGHT

### **SCANner:MARKer:SEARCh:LEFT**

Syntax: SCANner:MARKer:SEARCh:LEFT

Parameter/Response: NA

Description: You can set marker to the left peak search in Scanner.

Example:

SCANner:MARKer:SEARCh:LEFT

---

### **SCANner:MARKer:SEARch:MINimum**

Syntax: SCANner:MARKer:SEARch:MINimum

Parameter/Response: NA

Description: You can set marker to the minimum search in Scanner.

Example:

SCANner:MARKer:SEARch:MINimum

## **Sweep**

### **SPECtrum:SWEEp:TIME**

Syntax: SPECtrum:SWEEp:TIME

Parameter/Response: 1000 us to 200 sec

Description: You can set or query sweep time in Spectrum Analyzer.

Example:

SPECtrum:SWEEp:TIME 2000 us

SPECtrum:SWEEp:TIME?

### **SPECtrum:SWEEp:TIME:MINimum:CURRent**

Syntax: SPECtrum:SWEEp:TIME:MINimum:CURRent

Parameter/Response: 1000 us to 200 sec

Description: You can set or query current minimum sweep time in Spectrum Analyzer.

Example:

SPECtrum:SWEEp:TIME:MINimum:CURRent 1000 us

SPECtrum:SWEEp:TIME:MINimum:CURRent?

### **SPECtrum:SWEEp:TIME:MODE**

Syntax: SPECtrum:SWEEp:TIME:MODE

Parameter/Response: {Auto|Manual}

Description: You can set or query sweep time mode in Spectrum Analyzer.

Example:

SPECtrum:SWEEp:TIME:MODE Manual

SPECtrum:SWEEp:TIME:MODE?

### **SPECtrum:SWEEp:MODE**

Syntax: SPECtrum:SWEEp:MODE

Parameter/Response: {Continue|Single}

Description: You can set or query sweep mode in Spectrum Analyzer.

Example:

SPECtrum:SWEEp:MODE Single

SPECtrum:SWEEp:MODE?

### **SPECtrum:SWEEp:TYPE**

Syntax: SPECtrum:SWEEp:TYPE

---

Parameter/Response: {Normal|Fast}

Description: You can set or query sweep type in Spectrum Analyzer.

Example:

```
SPECTrum:SWEEp:TYPE Fast
```

```
SPECTrum:SWEEp:TYPE?
```

### **SPECTrum:SWEEp:HOLD**

Syntax: SPECTrum:SWEEp:HOLD

Parameter/Response: {On|Off}

Description: You can set or query sweep hold in Spectrum Analyzer.

Example:

```
SPECTrum:SWEEp:HOLD On
```

```
SPECTrum:SWEEp:HOLD?
```

### **INTERference:SWEEp:TIME**

Syntax: INTERference:SWEEp:TIME

Parameter/Response: 1000 us to 200 sec

Description: You can set or query sweep time in Interference Analyzer.

Example:

```
INTERference:SWEEp:TIME 2000 us
```

```
INTERference:SWEEp:TIME?
```

### **INTERference:SWEEp:TIME:MINImum:CURRent**

Syntax: INTERference:SWEEp:TIME:MINImum:CURRent

Parameter/Response: 1000 us to 200 sec

Description: You can set or query current minimum sweep time in Interference Analyzer.

Example:

```
INTERference:SWEEp:TIME:MINImum:CURRent 1000 us
```

```
INTERference:SWEEp:TIME:MINImum:CURRent?
```



---

### **INTERference:SWEEp:TIME:MODE**

Syntax: INTERference:SWEEp:TIME:MODE

Parameter/Response: {Auto|Manual}

Description: You can set or query sweep time mode in Interference Analyzer.

Example:

```
INTERference:SWEEp:TIME:MODE Manual
```

```
INTERference:SWEEp:TIME:MODE?
```

### **INTERference:SWEEp:MODE**

Syntax: INTERference:SWEEp:MODE

Parameter/Response: {Continue|Single}

Description: You can set or query sweep mode in Interference Analyzer.

Example:

```
INTERference:SWEEp:MODE Single
```

```
INTERference:SWEEp:MODE?
```

### **INTERference:SWEEp:TYPE**

Syntax: INTERference:SWEEp:TYPE

Parameter/Response: {Normal|Fast}

Description: You can set or query sweep type in Interference Analyzer.

Example:

```
INTERference:SWEEp:TYPE Fast
```

```
INTERference:SWEEp:TYPE?
```

### **INTERference:SWEEp:HOLD**

Syntax: INTERference:SWEEp:HOLD

Parameter/Response: {On|Off}

Description: You can set sweep hold on or off or query sweep hold in Interference Analyzer.

Example:

```
INTERference:SWEEp:HOLD On
```

```
INTERference:SWEEp:HOLD?
```

### **INTERference:SWEEp:ONCE**

Syntax: INTERference:SWEEp:ONCE

Parameter/Response:

Description: You can set sweep once in Interference Analyzer.

Example:

```
INTERference:SWEEp:ONCE
```

### **REALtime:SWEEp:TIME**

Syntax: REALtime:SWEEp:TIME

Parameter/Response: 1000 us to 200 sec

---

Description: You can set or query sweep time in Real-time Spectrum Analyzer.

Example:

```
REALtime:SWEEp:TIME 2000 us
```

```
REALtime:SWEEp:TIME?
```

### **REALtime:SWEEp:TIME:MINImum:CURRent**

Syntax: REALtime:SWEEp:TIME:MINImum:CURRent

Parameter/Response: 1000 us to 200 sec

Description: You can set or query current sweep minimum time in Real-time Spectrum Analyzer.

Example:

```
REALtime:SWEEp:TIME:MINImum:CURRent 1000 us
```

```
REALtime:SWEEp:TIME:MINImum:CURRent?
```

### **REALtime:SWEEp:TIME:MINImum:CURRent**

Syntax: REALtime:SWEEp:TIME:MINImum:CURRent

Parameter/Response: 1000 us to 200 sec

Description: You can set or query current sweep minimum time in Real-time Spectrum Analyzer.

Example:

```
REALtime:SWEEp:TIME:MINImum:CURRent 1000 us
```

```
REALtime:SWEEp:TIME:MINImum:CURRent?
```

### **REALtime:SWEEp:TIME:MODE**

Syntax: CURRent REALtime:SWEEp:TIME:MODE

Parameter/Response: {Auto|Manual}

Description: You can set or query sweep time mode in Real-time Spectrum Analyzer.

Example:

```
REALtime:SWEEp:TIME:MODE Manual
```

```
REALtime:SWEEp:TIME:MODE?
```

### **REALtime:SWEEp:MODE**

Syntax: REALtime:SWEEp:MODE

Parameter/Response: {Continue|Single}

Description: You can set or query sweep mode in Real-time Spectrum Analyzer.

Example:

```
REALtime:SWEEp:MODE Single
```

```
REALtime:SWEEp:MODE?
```

### **REALtime:SWEEp:TYPE**

Syntax: REALtime:SWEEp:TYPE

Parameter/Response: {Continue|Single}

Description: You can set or query sweep type in Real-time Spectrum Analyzer.

Example:

---

```
REALtime:SWEEp:TYPE Fast
REALtime:SWEEp:TYPE?
```

### **REALtime:SWEEp:HOLD**

```
Syntax: REALtime:SWEEp:HOLD
Parameter/Response: {On|Off}
Description: You can set or query sweep hold in Real-time Spectrum Analyzer.
Example:
REALtime:SWEEp:HOLD On
REALtime:SWEEp:HOLD?
```

### **REALtime:SWEEp:ONCE**

```
Syntax: REALtime:SWEEp:ONCE
Parameter/Response:
Example:
REALtime:SWEEp:ONCE
Description: You can set sweep once in Real-time Spectrum Analyzer.
```

### **TF5G:SWEEp:MODE**

```
Syntax: TF5G:SWEEp:MODE
Parameter/Response: {Continue|Single}
Description: You can set or query sweep mode in 5GTF Beamforming Analyzer.
Example:
TF5G:SWEEp:MODE Single
TF5G:SWEEp:MODE?
```

### **SCANner:SWEEp:MODE**

```
Syntax: SCANner:SWEEp:MODE
Parameter/Response: {Continue|Single}
Description: You can set or query sweep mode in Scanner.
Example:
SCANner:SWEEp:MODE Single
SCANner:SWEEp:MODE?
```

### **SCANner:SWEEp:HOLD**

```
Syntax: SCANner:SWEEp:HOLD
Parameter/Response: {On|Off}
Description: You can set or query sweep hold in Scanner.
Example:
SCANner:SWEEp:HOLD On
SCANner:SWEEp:HOLD?
```

## **Limit**

---

### **SPECTrum:LIMIt:CHPower:MODE**

Syntax: SPECTrum:LIMIt:CHPower:MODE

Parameter/Response: {On|Off}

Description: You can set limit on or off or query limit for Channel Power.

Example:

SPECTrum:LIMIt:CHPower:MODE On

SPECTrum:LIMIt:CHPower:MODE?

### **SPECTrum:LIMIt:CHPower:LIMIt:HIGH**

Syntax: SPECTrum:LIMIt:CHPower:LIMIt:HIGH

Parameter/Response: -120 ~ 100

Description: You can set limit high for Channel Power.

Example:

SPECTrum:LIMIt:CHPower:LIMIt:HIGH 99

### **SPECTrum:LIMIt:CHPower:LIMIt:LOW**

Syntax: SPECTrum:LIMIt:CHPower:LIMIt:LOW

Parameter/Response: -120 ~ 100

Description: You can set limit low for Channel Power.

Example:

SPECTrum:LIMIt:CHPower:LIMIt:LOW 99

### **SPECTrum:LIMIt:OBWidth:MODE**

Syntax: SPECTrum:LIMIt:CHPower:LIMIt:LOW

Parameter/Response: {On|Off}

Description: You can set limit on or off or query limit for Occupied Bandwidth.

Example:

SPECTrum:LIMIt:OBWidth:MODE On

SPECTrum:LIMIt:OBWidth:MODE?

### **SPECTrum:LIMIt:OBWidth:HIGH**

Syntax: SPECTrum:LIMIt:CHPower:LIMIt:HIGH

Parameter/Response: -120 ~ 100

Description: You can set limit high for Occupied Bandwidth.

Example:

SPECTrum:LIMIt:OBWidth:HIGH 99

### **SPECTrum:LIMIt:SEM:MODE**

Syntax: SPECTrum:LIMIt:SEM:MODE

Parameter/Response: {On|Off}

Description: You can set limit on or off or query limit for SEM.

Example:

SPECTrum:LIMIt:SEM:MODE On

---

`SPECTrum:LIMIt:SEM:MODE?`

### **SPECTrum:LIMIt:ACP:MODE**

Syntax: `SPECTrum:LIMIt:ACP:MODE`

Parameter/Response: {On|Off}

Description: You can set limit on or off or query limit for ACP.

Example:

`SPECTrum:LIMIt:MACP:MODE On`

`SPECTrum:LIMIt:MACP:MODE?`

### **SPECTrum:LIMIt:MACP:MODE**

Syntax: `SPECTrum:LIMIt:MACP:MODE`

Parameter/Response: {On|Off}

Description: You can set limit on or off or query limit for MACP.

Example:

`SPECTrum:LIMIt:MACP:MODE On`

`SPECTrum:LIMIt:MACP:MODE?`

### **SPECTrum:LIMIt:SPURious:MODE**

Syntax: `SPECTrum:LIMIt:SPURious:MODE`

Parameter/Response: {On|Off}

Description: You can set limit on or off or query limit for Spurious Emissions.

Example:

`SPECTrum:LIMIt:SPURious:MODE On`

`SPECTrum:LIMIt:SPURious:MODE?`

### **SPECTrum:LIMIt:DISPlay:LINE:MODE**

Syntax: `SPECTrum:LIMIt:DISPlay:LINE:MODE`

Parameter/Response:

Description: You can set limit line on or off or query limit line in Spectrum Analyzer.

Example:

`SPECTrum:LIMIt:DISPlay:LINE:MODE On`

`SPECTrum:LIMIt:DISPlay:LINE:MODE?`

### **SPECTrum:LIMIt:DISPlay:LINE:AMPlitude**

Syntax: `SPECTrum:LIMIt:DISPlay:LINE:AMPlitude`

Parameter/Response: -120 ~ 100

Description: You can set or query limit line power in Spectrum Analyzer.

Example:

`SPECTrum:LIMIt:DISPlay:LINE:AMPlitude 99`

`SPECTrum:LIMIt:DISPlay:LINE:AMPlitude?`

---

### **SPECTrum:LIMIt:MSL:SIDE**

Syntax: SPECTrum:LIMIt:MSL:SIDE

Parameter/Response: {Upper01|Lower02}

Description: You can set or query limit MSL side in Spectrum Analyzer.

Example:

SPECTrum:LIMIt:MSL:SIDE Upper01

SPECTrum:LIMIt:MSL:SIDE?

### **SPECTrum:LIMIt:MSL[1|2]:MODE**

Syntax: SPECTrum:LIMIt:MSL[1|2]:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit MSL mode in Spectrum Analyzer.

Example:

SPECTrum:LIMIt:MSL1:MODE On

SPECTrum:LIMIt:MSL1:MODE?

### **SPECTrum:LIMIt:MSL[1|2]:LINE:NUMBer**

Syntax: SPECTrum:LIMIt:MSL[1|2]:LINE:NUMBer

Parameter/Response: 1 ~ 50

Description: You can set or query limit MSL line number in Spectrum Analyzer.

Example:

SPECTrum:LIMIt:MSL1:LINE:NUMBer 1

SPECTrum:LIMIt:MSL1:LINE:NUMBer?

### **SPECTrum:LIMIt:MSL[1|2]:OFFSet:AMPlitude**

Syntax: SPECTrum:LIMIt:MSL[1|2]:OFFSet:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit MSL offset power in Spectrum Analyzer.

Example:

SPECTrum:LIMIt:MSL1:OFFSet:AMPlitude 99

SPECTrum:LIMIt:MSL1:OFFSet:AMPlitude?

### **SPECTrum:LIMIt:MSL[1|2]:OFFSet:FREQuency**

Syntax: SPECTrum:LIMIt:MSL[1|2]:OFFSet:FREQuency

Parameter/Response: {-Max Frequency ~ Max Frequency}

Description: You can set or query limit MSL offset frequency in Spectrum Analyzer.

Example:

SPECTrum:LIMIt:MSL1:OFFSet:FREQuency 1GHz

SPECTrum:LIMIt:MSL1:OFFSet:FREQuency?

### **SPECTrum:LIMIt:MSL[1|2]:PLOT:SElect**

Syntax: SPECTrum:LIMIt:MSL[1|2]:PLOT:SElect

---

Parameter/Response: 1 ~ 51

Description: You can set or query limit MSL plot selection in Spectrum Analyzer.

Example:

```
SPECTrum:LIMIt:MSL1:PLOT:SElect 1
```

```
SPECTrum:LIMIt:MSL1:PLOT:SElect?
```

### **SPECTrum:LIMIt:MSL:UPPer:PLOT[1-50]:VIEW**

Syntax: SPECTrum:LIMIt:MSL:UPPer:PLOT[1-50]:VIEW

Parameter/Response: {On|Off}

Description: You can set or query limit MSL plot selection view in Spectrum Analyzer.

Example:

```
SPECTrum:LIMIt:MSL:UPPer:PLOT1:VIEW On
```

```
SPECTrum:LIMIt:MSL:UPPer:PLOT1:VIEW?
```

### **SPECTrum:LIMIt:MSL:UPPer:PLOT[1-50]:FREQuency**

Syntax: SPECTrum:LIMIt:MSL:UPPer:PLOT[1-50]:FREQuency

Parameter/Response: Start Frequency ~ Stop Frequency

Description: You can set or query limit MSL upper plot frequency in Spectrum Analyzer.

Example:

```
SPECTrum:LIMIt:MSL:UPPer:PLOT1:FREQuency 1GHz
```

```
SPECTrum:LIMIt:MSL:UPPer:PLOT1:FREQuency?
```

### **SPECTrum:LIMIt:MSL:UPPer:PLOT[1-50]:AMPlitude**

Syntax: SPECTrum:LIMIt:MSL:UPPer:PLOT[1-50]:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit MSL upper plot power in Spectrum Analyzer.

Example:

```
SPECTrum:LIMIt:MSL:UPPer:PLOT1:AMPlitude 99
```

```
SPECTrum:LIMIt:MSL:UPPer:PLOT1:AMPlitude?
```

### **SPECTrum:LIMIt:MSL:LOWer:PLOT[1-50]:VIEW**

Syntax: SPECTrum:LIMIt:MSL:LOWer:PLOT[1-50]:VIEW

Parameter/Response: {On|Off}

Description: You can set or query limit MSL lower plot view in Spectrum Analyzer.

Example:

```
SPECTrum:LIMIt:MSL:LOWer:PLOT1:VIEW On
```

```
SPECTrum:LIMIt:MSL:LOWer:PLOT1:VIEW?
```

### **SPECTrum:LIMIt:MSL:LOWer:PLOT[1-50]:FREQuency**

Syntax: SPECTrum:LIMIt:MSL:LOWer:PLOT[1-50]:FREQuency

Parameter/Response: Start Frequency ~ Stop Frequency

---

Description: You can set or query limit MSL lower plot frequency in Spectrum Analyzer.

Example:

```
SPECTrum:LIMIt:MSL:LOWer:PLOT1:FREQuency 1GHz
```

```
SPECTrum:LIMIt:MSL:LOWer:PLOT1:FREQuency?
```

### **SPECTrum:LIMIt:MSL:LOWer:PLOT[1-50]:AMPLitude**

Syntax: SPECTrum:LIMIt:MSL:LOWer:PLOT[1-50]:AMPLitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit MSL lower plot power in Spectrum Analyzer.

Example:

```
SPECTrum:LIMIt:MSL:LOWer:PLOT1:AMPlitude -10
```

```
SPECTrum:LIMIt:MSL:LOWer:PLOT1:AMPlitude?
```

### **INTERference:LIMIt:DISPlay:LINE:MODE**

Syntax: INTERference:LIMIt:DISPlay:LINE:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit line mode in Interference Analyzer.

Example:

```
INTERference:LIMIt:DISPlay:LINE:MODE On
```

```
INTERference:LIMIt:DISPlay:LINE:MODE?
```

### **INTERference:LIMIt:DISPlay:LINE:AMPlitude**

Syntax: INTERference:LIMIt:DISPlay:LINE:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit line power in Interference Analyzer.

Example:

```
INTERference:LIMIt:DISPlay:LINE:AMPlitude -20
```

```
INTERference:LIMIt:DISPlay:LINE:AMPlitude?
```

### **INTERference:LIMIt:MSL:SIDE**

Syntax: INTERference:LIMIt:MSL:SIDE

Parameter/Response: {Upper01|Lower02}

Description: You can set or query limit MSL side in Interference Analyzer.

Example:

```
INTERference:LIMIt:MSL:SIDE Lower02
```

```
INTERference:LIMIt:MSL:SIDE?
```

### **INTERference:LIMIt:MSL[1|2]:MODE**

Syntax: INTERference:LIMIt:MSL[1|2]:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit MSL mode in Interference Analyzer.

Example:

```
INTERference:LIMIt:MSL1:MODE On
```



---

`INTERference:LIMIt:MSL1:MODE?`

### **INTERference:LIMIt:MSL[1|2]:LINE:NUMBer**

Syntax: `INTERference:LIMIt:MSL[1|2]:LINE:NUMBer`

Parameter/Response: 1 ~ 50

Description: You can set or query limit MSL line number in Interference Analyzer.

Example:

`INTERference:LIMIt:MSL1:LINE:NUMBer 2`

`INTERference:LIMIt:MSL1:LINE:NUMBer?`

### **INTERference:LIMIt:MSL[1|2]:OFFSet:AMPlitude**

Syntax: `INTERference:LIMIt:MSL[1|2]:OFFSet:AMPlitude`

Parameter/Response: -120 ~ 100

Description: You can set or query limit MSL offset power in Interference Analyzer.

Example:

`INTERference:LIMIt:MSL:LOWer:PLOT1:AMPlitude -10 |`

`INTERference:LIMIt:MSL:LOWer:PLOT1:AMPlitude?`

### **INTERference:LIMIt:MSL[1|2]:OFFSet:FREQuency**

Syntax: `INTERference:LIMIt:MSL[1|2]:OFFSet:FREQuency`

Parameter/Response: {-Max Frequency ~ Max Frequency}

Description: You can set or query limit MSL offset frequency in Interference Analyzer.

Example:

`INTERference:LIMIt:MSL1:OFFSet:FREQuency 1GHz`

`INTERference:LIMIt:MSL1:OFFSet:FREQuency?`

### **INTERference:LIMIt:MSL[1|2]:PLOT:SElect**

Syntax: `INTERference:LIMIt:MSL[1|2]:PLOT:SElect`

Parameter/Response: 1 ~ 51

Description: You can set or query limit MSL plot selection in Interference Analyzer.

Example:

`INTERference:LIMIt:MSL1:PLOT:SElect 2`

`INTERference:LIMIt:MSL1:PLOT:SElect?`

### **INTERference:LIMIt:MSL:UPPer:PLOT[1-50]:VIEW**

Syntax: `INTERference:LIMIt:MSL:UPPer:PLOT[1-50]:VIEW`

Parameter/Response: {On|Off}

Description: You can set or query limit MSL upper plot view in Interference Analyzer.

Example:

`INTERference:LIMIt:MSL:UPPer:PLOT1:VIEW On`

`INTERference:LIMIt:MSL:UPPer:PLOT1:VIEW?`

---

### **INTERference:LIMIt:MSL:UPPer:PLOT[1-50]:FREQuency**

Syntax: INTERference:LIMIt:MSL:UPPer:PLOT[1-50]:FREQuency

Parameter/Response: Start Frequency ~ Stop Frequency

Description: You can set or query limit MSL upper plot frequency in Interference Analyzer.

Example:

```
INTERference:LIMIt:MSL:UPPer:PLOT1:FREQuency 1GHz
```

```
INTERference:LIMIt:MSL:UPPer:PLOT1:FREQuency?
```

### **INTERference:LIMIt:MSL:UPPer:PLOT[1-50]:AMPlitude**

Syntax: INTERference:LIMIt:MSL:UPPer:PLOT[1-50]:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit MSL upper plot power in Interference Analyzer.

Example:

```
INTERference:LIMIt:MSL:UPPer:PLOT1:AMPlitude 10
```

```
INTERference:LIMIt:MSL:UPPer:PLOT1:AMPlitude?
```

### **INTERference:LIMIt:MSL:LOWer:PLOT[1-50]:VIEW**

Syntax: INTERference:LIMIt:MSL:LOWer:PLOT[1-50]:VIEW

Parameter/Response: {On|Off}

Description: You can set or query limit MSL lower plot view in Interference Analyzer.

Example:

```
INTERference:LIMIt:MSL:LOWer:PLOT1:VIEW On
```

```
INTERference:LIMIt:MSL:LOWer:PLOT1:VIEW On?
```

### **INTERference:LIMIt:MSL:LOWer:PLOT[1-50]:FREQuency**

Syntax: INTERference:LIMIt:MSL:LOWer:PLOT[1-50]:FREQuency

Parameter/Response: Start Frequency ~ Stop Frequency

Description: You can set or query limit MSL lower plot frequency in Interference Analyzer.

Example:

```
INTERference:LIMIt:MSL:LOWer:PLOT1:FREQuency 1GHz
```

```
INTERference:LIMIt:MSL:LOWer:PLOT1:FREQuency?
```

### **INTERference:LIMIt:MSL:LOWer:PLOT[1-50]:AMPlitude**

Syntax: INTERference:LIMIt:MSL:LOWer:PLOT[1-50]:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit MSL lower plot power in Interference Analyzer.

Example:

```
INTERference:LIMIt:MSL:LOWer:PLOT1:AMPlitude -10
```

```
INTERference:LIMIt:MSL:LOWer:PLOT1:AMPlitude?
```

---

### **REALtime:LIMIt:DISPlay:LINE:MODE**

Syntax: REALtime:LIMIt:DISPlay:LINE:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit line mode in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:DISPlay:LINE:MODE On
```

```
REALtime:LIMIt:DISPlay:LINE:MODE?
```

### **REALtime:LIMIt:DISPlay:LINE:AMPlitude**

Syntax: REALtime:LIMIt:DISPlay:LINE:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit line power in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:DISPlay:LINE:AMPlitude -20
```

```
REALtime:LIMIt:DISPlay:LINE:AMPlitude?
```

### **REALtime:LIMIt:MSL:SIDE**

Syntax: REALtime:LIMIt:MSL:SIDE

Parameter/Response: {Upper01|Lower02}

Description: You can set or query limit MSL side in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL:SIDE Lower02
```

```
REALtime:LIMIt:MSL:SIDE?
```

### **REALtime:LIMIt:MSL[1|2]:MODE**

Syntax: REALtime:LIMIt:MSL[1|2]:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit MSL mode in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL1:MODE On
```

```
REALtime:LIMIt:MSL1:MODE?
```

### **REALtime:LIMIt:MSL[1|2]:LINE:NUMBer**

Syntax: REALtime:LIMIt:MSL[1|2]:LINE:NUMBer

Parameter/Response: 1 ~ 50

Description: You can set or query limit MSL line number in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL1:LINE:NUMBer 2
```

```
REALtime:LIMIt:MSL1:LINE:NUMBer?
```

---

### **REALtime:LIMIt:MSL[1|2]:OFFSet:AMPlitude**

Syntax: REALtime:LIMIt:MSL[1|2]:OFFSet:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit MSL offset power in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL1:OFFSet:AMPlitude 5
```

```
REALtime:LIMIt:MSL1:OFFSet:AMPlitude?
```

### **REALtime:LIMIt:MSL[1|2]:OFFSet:FREQuency**

Syntax: REALtime:LIMIt:MSL[1|2]:OFFSet:FREQuency

Parameter/Response: {-Max Frequency ~ Max Frequency}

Description: You can set or query limit MSL offset frequency in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL1:OFFSet:FREQuency 1GHz
```

```
REALtime:LIMIt:MSL1:OFFSet:FREQuency?
```

### **REALtime:LIMIt:MSL[1|2]:PLOT:SElect**

Syntax: REALtime:LIMIt:MSL[1|2]:PLOT:SElect

Parameter/Response: 1 ~ 51

Description: You can set or query limit MSL plot selection in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL1:PLOT:SElect 2
```

```
REALtime:LIMIt:MSL1:PLOT:SElect?
```

### **REALtime:LIMIt:MSL:UPPer:PLOT[1-50]:VIEW**

Syntax: REALtime:LIMIt:MSL:UPPer:PLOT[1-50]:VIEW

Parameter/Response: {On|Off}

Description: You can set or query limit MSL upper plot view in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL:UPPer:PLOT1:VIEW On
```

```
REALtime:LIMIt:MSL:UPPer:PLOT1:VIEW?
```

### **REALtime:LIMIt:MSL:UPPer:PLOT[1-50]:FREQuency**

Syntax: REALtime:LIMIt:MSL:UPPer:PLOT[1-50]:FREQuency

Parameter/Response: Start Frequency ~ Stop Frequency

Description: You can set or query limit MSL upper plot frequency in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL:UPPer:PLOT1:FREQuency 1GHz
```

```
REALtime:LIMIt:MSL:UPPer:PLOT1:FREQuency?
```

---

### **REALtime:LIMIt:MSL:UPPer:PLOT[1-50]:AMPlitude**

Syntax: REALtime:LIMIt:MSL:UPPer:PLOT[1-50]:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit MSL upper plot power in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL:UPPer:PLOT1:AMPlitude 10
```

```
REALtime:LIMIt:MSL:UPPer:PLOT1:AMPlitude?
```

### **REALtime:LIMIt:MSL:LOWer:PLOT[1-50]:VIEW**

Syntax: REALtime:LIMIt:MSL:UPPer:PLOT[1-50]:AMPlitude

Parameter/Response: {On|Off}

Description: You can set or query limit MSL lower plot view in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL:LOWer:PLOT1:VIEW On
```

```
REALtime:LIMIt:MSL:LOWer:PLOT1:VIEW?
```

### **REALtime:LIMIt:MSL:LOWer:PLOT[1-50]:FREQuency**

Syntax: REALtime:LIMIt:MSL:UPPer:PLOT[1-50]:FREQuency

Parameter/Response: Start Frequency ~ Stop Frequency

Description: You can set or query limit MSL lower plot frequency in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL:LOWer:PLOT1:FREQuency 1GHz
```

```
REALtime:LIMIt:MSL:LOWer:PLOT1:FREQuency?
```

### **REALtime:LIMIt:MSL:LOWer:PLOT[1-50]:AMPlitude**

Syntax: REALtime:LIMIt:MSL:UPPer:PLOT[1-50]:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit MSL lower plot power in Real-time Spectrum Analyzer.

Example:

```
REALtime:LIMIt:MSL:LOWer:PLOT1:AMPlitude -20
```

```
REALtime:LIMIt:MSL:LOWer:PLOT1:AMPlitude?
```

### **SCANner:LIMIt:LINE:MODE**

Syntax: SCANner:LIMIt:LINE:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit line mode in Channel Scanner.

Example:

```
SCANner:LIMIt:LINE:MODE On
```

```
SCANner:LIMIt:LINE:MODE?
```

---

### **SCANner:LIMIt:LINE:AMPLitude**

Syntax: SCANner:LIMIt:LINE:MODE

Parameter/Response: -120 ~ 100

Description: You can set or query limit line power in Channel Scanner.

Example:

```
SCANner:LIMIt:LINE:MODE On
```

```
SCANner:LIMIt:LINE:MODE?
```

### **SCANner:LIMIt:FREQuency:LINE:MODE**

Syntax: SCANner:LIMIt:FREQuency:LINE:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit line frequency mode in Frequency Scanner.

Example:

```
SCANner:LIMIt:FREQuency:LINE:MODE On
```

```
SCANner:LIMIt:FREQuency:LINE:MODE?
```

### **SCANner:LIMIt:FREQuency:LINE:AMPLitude**

Syntax: SCANner:LIMIt:FREQuency:LINE:AMPLitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit line frequency power mode in Frequency Scanner.

Example:

```
SCANner:LIMIt:CUSTom:LINE:AMPLitude -30
```

```
SCANner:LIMIt:CUSTom:LINE:AMPLitude?
```

### **SCANner:LIMIt:CUSTom:LINE:MODE**

Syntax: SCANner:LIMIt:CUSTom:LINE:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit line mode in Custom Scanner.

Example:

```
SCANner:LIMIt:CUSTom:LINE:MODE On
```

```
SCANner:LIMIt:CUSTom:LINE:MODE?
```

### **SCANner:LIMIt:CUSTom:LINE:AMPLitude**

Syntax: SCANner:LIMIt:CUSTom:LINE:AMPLitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit line power in Custom Scanner.

Example:

```
SCANner:LIMIt:CUSTom:LINE:AMPLitude -30
```

```
SCANner:LIMIt:CUSTom:LINE:AMPLitude?
```

---

### **SCANner:LIMIt:CHANnel[1-20]:MODE**

Syntax: SCANner:LIMIt:CHANnel[1-20]:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit channel mode in Channel Scanner.

Example:

```
SCANner:LIMIt:CHANnel1:MODE On
```

```
SCANner:LIMIt:CHANnel1:MODE?
```

### **SCANner:LIMIt:CHANnel[1-20]:HIGH:AMPlitude**

Syntax: SCANner:LIMIt:CHANnel[1-20]:HIGH:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit channel high power in Channel Scanner.

Example:

```
SCANner:LIMIt:CHANnel1:HIGH:AMPlitude -35.5
```

```
SCANner:LIMIt:CHANnel1:HIGH:AMPlitude?
```

### **SCANner:LIMIt:CHANnel[1-20]:LOW:AMPlitude**

Syntax: SCANner:LIMIt:CHANnel[1-20]:LOW:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit channel low power in Channel Scanner.

Example:

```
SCANner:LIMIt:CHANnel1:LOW:AMPlitude -65.5
```

```
SCANner:LIMIt:CHANnel1:LOW:AMPlitude?
```

### **SCANner:LIMIt:FREQuency:CHANnel[1-20]:MODE**

Syntax: SCANner:LIMIt:FREQuency:CHANnel[1-20]:MODE

Parameter/Response: {On|Off}

Description: You can set or query limit channel mode in Frequency Scanner.

Example:

```
SCANner:LIMIt:FREQuency:CHANnel1:MODE On
```

```
SCANner:LIMIt:FREQuency:CHANnel1:MODE?
```

### **SCANner:LIMIt:FREQuency:CHANnel[1-20]:HIGH:AMPlitude**

Syntax: SCANner:LIMIt:FREQuency:CHANnel[1-20]:HIGH:AMPlitude

Parameter/Response: -120 ~ 100

Description: You can set or query limit channel high power in Frequency Scanner.

Example:

```
SCANner:LIMIt:FREQuency:CHANnel1:HIGH:AMPlitude -35.5
```

```
SCANner:LIMIt:FREQuency:CHANnel1:HIGH:AMPlitude?
```

### **SCANner:LIMIt:FREQuency:CHANnel[1-20]:LOW:AMPlitude**

Syntax: SCANner:LIMIt:FREQuency:CHANnel[1-20]:LOW:AMPlitude

Parameter/Response: -120 ~ 100

---

Description: You can set or query limit channel low power in Frequency Scanner.

Example:

SCANner:LIMIt:FREQuency:CHANnel1:LOW:AMPlitude -65.5

SCANner:LIMIt:FREQuency:CHANnel1:LOW:AMPlitude?

### **SCANner:LIMIt:ROUTemap:CHANnel#:MODE**

Syntax: SCANner:LIMIt:ROUTemap:CHANnel#:MODE

Parameter/Response: On|Off

Example: SCANner:LIMIt:ROUTemap:CHANnel1:MODE On |

SCANner:LIMIt:ROUTemap:CHANnel1:MODE?

Description: You can set or query limit channel mode for Route Map in Channel Scanner.

### **SCANner:LIMIt:ROUTemap:LINE:AMPlitude**

Syntax: SCANner:LIMIt:ROUTemap:LINE:AMPlitude

Parameter/Response: -120 - 100

Example: SCANner:LIMIt:ROUTemap:LINE:AMPlitude -30 |

SCANner:LIMIt:ROUTemap:LINE:AMPlitude?

Description: You can set or query limit line power for Route Map in Channel Scanner.

### **SCANner:LIMIt:ROUTemap:LINE:MODE**

Syntax: SCANner:LIMIt:ROUTemap:LINE:MODE

Parameter/Response: On|Off

Example: SCANner:LIMIt:ROUTemap:LINE:MODE On |

SCANner:LIMIt:ROUTemap:LINE:MODE?

Description: You can set or query limit line mode for Route Map in Channel Scanner.

## **Trigger**

### **SPECTrum:TRIGger:MODE**

Syntax: SPECTrum:TRIGger:MODE

Parameter/Response: {Free|External|GNSS|Video}

Description: You can set or query trigger mode in Spectrum Analyzer.

Example:

SPECTrum:TRIGger:MODE FreeRun

SPECTrum:TRIGger:MODE?

### **SPECTrum:TRIGger:VIDEo:LEVEL**

Syntax: SPECTrum:TRIGger:VIDEo:LEVEL

Parameter/Response: -120 ~ 100

Description: You can set or query trigger video level in Spectrum Analyzer.

Example:



---

```
SPECTrum:TRIGger:VIDEo:LEVEL 20  
SPECTrum:TRIGger:VIDEo:LEVEL?
```

### **SPECTrum:TRIGger:POSItion**

Syntax: SPECTrum:TRIGger:POSItion

Parameter/Response: 0 ~ 501

Description: You can set or query trigger position in Spectrum Analyzer.

Example:

```
SPECTrum:TRIGger:POSItion 10
```

```
SPECTrum:TRIGger:POSItion?
```

### **INTERference:TRIGger:MODE**

Syntax: INTERference:TRIGger:MODE

Parameter/Response: Free|External|GNSS|Video

Example:

```
INTERference:TRIGger:MODE FreeRun
```

```
INTERference:TRIGger:MODE?
```

Description: You can set or query trigger mode in Interference Analyzer.

### **INTERference:TRIGger:POSItion**

Syntax: INTERference:TRIGger:POSItion

Parameter/Response: 0 - 501

Example:

```
INTERference:TRIGger:POSItion 10
```

```
INTERference:TRIGger:POSItion?
```

Description: You can set or query trigger position in Interference Analyzer.

### **INTERference:TRIGger:VIDEo:LEVEL**

Syntax: INTERference:TRIGger:VIDEo:LEVEL

Parameter/Response: -120 - 100

Example:

```
INTERference:TRIGger:VIDEo:LEVEL 20
```

```
INTERference:TRIGger:VIDEo:LEVEL?
```

Description: You can set or query trigger video level in Interference Analyzer.

### **REALtime:TRIGger:MODE**

Syntax: REALtime:TRIGger:MODE

Parameter/Response: Free|External|GNSS|Video

Example:

```
REALtime:TRIGger:MODE FreeRun
```

```
REALtime:TRIGger:MODE?
```

Description: You can set or query trigger mode in Real-time Spectrum Analyzer.

---

### **REALtime:TRIGger:POSItion**

Syntax: REALtime:TRIGger:POSItion

Parameter/Response: 0 - 501

Example:

REALtime:TRIGger:POSItion 10

REALtime:TRIGger:POSItion?

Description: You can set or query trigger position in Real-time Spectrum Analyzer.

### **REALtime:TRIGger:VIDEo:LEVEL**

Syntax: REALtime:TRIGger:VIDEo:LEVEL

Parameter/Response: -120 - 100

Example:

REALtime:TRIGger:VIDEo:LEVEL 20

REALtime:TRIGger:VIDEo:LEVEL?

Description: You can set or query trigger video level in Real-time Spectrum Analyzer.

### **TF5G:TRIGger:MODE**

Syntax: TF5G:TRIGger:MODE

Parameter/Response: {Internal|External|GNSS}

Description: You can set or query trigger mode in 5GTF Beamforming Analyzer.

Example:

TF5G:TRIGger:MODE External

TF5G:TRIGger:MODE?

## **Configure**

### **SPECTrum:CONFigure:RESEt**

Syntax: SPECTrum:CONFigure:RESEt

Parameter/Response: NA

Description: You can reset configuration in Spectrum Analyzer.

Example:

SPECTrum:CONFigure:RESEt

### **INTERference:CONFigure:RESEt**

Syntax: INTERference:CONFigure:RESEt

Parameter/Response: NA

Description: You can reset configuration in Interference Analyzer.

Example:

INTERference:CONFigure:RESEt

### **REALtime:CONFigure:RESEt**

Syntax: REALtime:CONFigure:RESEt

---

Parameter/Response: NA

Description: You can reset configuration in Real-time Spectrum Analyzer.

Example:

`REALtime:CONFigure:RESEt`

### **REALtime:CONFigure:RESEt:DEV**

Syntax: `REALtime:CONFigure:RESEt:DEV`

Parameter/Response: NA

Description: You can preset configuration in Real-time Spectrum Analyzer.

Example:

`REALtime:CONFigure:RESEt`

### **SCANner:CONFigure:RESEt**

Syntax: `SCANner:CONFigure:RESEt`

Parameter/Response: NA

Description: You can reset configuration in Scanner.

Example:

`SCANner:CONFigure:RESEt`

## **Measurement Commands**

The commands described in this section is about the definition used in each measurement.

### **Measurement Mode**

#### **MODE**

Syntax: `MODE`

Parameter/Response:

`{spectrumAnalyzer|interferenceAnalyzer|signalAnalyzerLTEFDD|  
signalAnalyzerLTETDD|realtimeAnalyzer|scanner|signalAnalyzer5GTF|  
signalAnalyzer5GNR|signalAnalyzerNSA|signalAnalyzerDSS|  
signalAnalyzerTM|AGPGSAnalyzer|RFoCPRI|EMFAnalyzer|blindScan|RANAnaly  
zer}`

Description: You can set or query mode.

Example:

`MODE interferenceAnalyzer`

`MODE?`

#### **SPECTrum:MODE**

Syntax: `SPECTrum:MODE`

Parameter/Response:

`{spectrumTuned|channelPower|occupiedBW|spectrumEmissionMask|adjacentCh  
annelPower|multiAdjacentChannelPower|spuriousEmissionMask|audioDemod|fie`

---

IdStrength|routeMap|totalHamonicDistortion|gatedSweep|powerMeter|onLineRouteMap}

Description: You can set or query measurement mode in Spectrum Analyzer.

Example:

```
SPECTrum:MODE channelPower
```

```
SPECTrum:MODE?
```

### **INTERference:MODE**

Syntax: INTERference:MODE

Parameter/Response:

{spectrum|spectrogram|spectrumReplayer|singlePIM|multiPIM|rssi|interferenceFinder|radarChart|onLineInterferenceFinder|onLineRadarChart}

Description: You can set or query measurement mode in Interference Analyzer.

Example:

```
INTERference:MODE spectrogram
```

```
INTERference:MODE?
```

### **REALtime:MODE**

Syntax: REALtime:MODE

Parameter/Response:

{persisSpectrum|persisSpectrogram|rtSpectrumReplayer|persisRssi|persisInterferenceFinder|persisRadarChart|onLineInterferenceFinder|onLineRadarChart}

Description: You can set or query measurement mode in Real-time Spectrum Analyzer.

Example:

```
REALtime:MODE persisSpectrogram
```

```
REALtime:MODE?
```

### **TF5G:MODE**

Syntax: TF5G:MODE

Parameter/Response: {beamScanner|CarrierAggregation|routeMap5G}

Description: You can set or query measurement mode in 5GTF Beamforming Analyzer.

Example:

```
TF5G:MODE CarrierAggregation
```

```
TF5G:MODE?
```

### **SCANner:MODE**

Syntax: SCANner:MODE

Parameter/Response:

{channelScanner|frequencyScanner|customScanner|csRouteMap|onLineRouteMap}

Description: You can set or query measurement mode in Scanner.

Example:

```
SCANner:MODE frequencyScanner
```

```
SCANner:MODE?
```

---

## **LTE:FDD:MODE**

Syntax: LTE:FDD:MODE

Parameter/Response: spectrum | channelPower | occupiedBW | spectrumEmissionMask | adjacentChannelPower | multiAdjacentChannelPower | spuriousEmissionMask | otaChannelScanner | otaIDScanner|otaMultipathProfile | otaControlChannel | otaDatagram | otaRouteMap | timeNFrequency | constellation | dataChannel | controlChannel | subframe | frame | timeAlignmentError | dataAllocationMap | carrierAggregation | powerVSTimeFrame | powerStatisticsCCDF | onLineOtaRouteMap

Description: You can set Measurement Mode in LTE FDD Signal Analyzer

Example: LTE:FDD:MODE occupiedBW|LTE:TDD:MODE

## **LTE:TDD:MODE**

Syntax: LTE:TDD:MODE

Parameter/Response: spectrum | channelPower | occupiedBW | spectrumEmissionMask | adjacentChannelPower | multiAdjacentChannelPower | spuriousEmissionMask | otaChannelScanner | otaIDScanner | otaMultipathProfile | otaControlChannel | otaDatagram | otaRouteMap | timeNFrequency | constellation | dataChannel | controlChannel | subframe | timeAlignmentError | dataAllocationMap | carrierAggregation | powerVSTimeFrame | powerVSTimeSlot | powerStatisticsCCDF | onLineOtaRouteMap

Description: You can set Measurement Mode in LTE TDD Signal Analyzer

Example: LTE:TDD:MODE occupiedBW

## **NR5G:MODE**

Syntax: NR5G:MODE

Parameter/Response:

spectrumTuned | channelPower | occupiedBW | spectrumEmissionMask | adjacentChannelPower | multiAdjacentChannelPower | spuriousEmissionMask | constellation | beamScanner | CarrierAggregation | routeMap5G NR | powerVSTimeSymbol | powerVSTimeFrame | beamAvailabilityIndex | timeNFrequency | multipathProfile|pdschCon | evmVsSubcarrier | allocationMapper | syncAnalysis | syncRouteMap | onLineRouteMap5G NR | onLineSyncRouteMap

Description: You can set Measurement Mode in 5G NR Signal Analyzer

Example:

NR5G:MODE occupiedBW

## **CPRI:MODE**

Syntax: CPRI:MODE

Parameter/Response: [spectrum | spectrogram | spectrumReplayer | persitentSpectrum]

Description: You can set or query measurement mode in RFoCPRI Analyzer

Example: CPRI:MODE spectrum

---

## NSA:MODE

Syntax: NSA:MODE

Parameter/Response: [nsaAnalyzer | nsaScanner | nsaRouteMap | onLinensarouteMap]

Example: NSA:MODE nsaScanner

Description: You can set or query measurement mode in NSA Signal Analyzer

## DSS:MODE

Syntax: DSS:MODE

Parameter/Response: [spectrum | channelPower | occupiedBW | spectrumEmissionMask | adjacentChannelPower | multiAdjacentChannelPower | spuriousEmissionMask | powerVSTimeFrame | powerVSTimeSlot | constellation | dataChannel | controlChannel | subframe | frame | timeAlignmentError | dataAllocationMap | otaChannelScanner | otaIDScanner | otaMultipathProfile | otaControlChannel | otaDatagram | otaRouteMap | powerStatisticsCCDF | carrierAggregation | constellationwDSS | channelMapper | controlChannelwDSS | subframewDSS | framewDSS | timeAlignmentErrorwDSS | otaChannelScannerwDSS |

otaIDScannerwDSS | otaControlChannelwDSS | otaRouteMapwDSS | otaMultipathProfilewDSS | timeNFFrequencywDSS | onLineOtaRouteMapwDSS]

Example: DSS:MODE occupiedBW

Description: You can set or query measurement mode in DSS Signal Analyzer

## BLINDscanner:MODE

Syntax: BLINDscanner:MODE

Parameter/Response: blindScanMeasure|blindScanMeasureFR2

Example: BLINDscanner:MODE blindScanMeasure

Description: You can set or query measurement mode in Blind Scanner

## EMF:MODE

Syntax: EMF:MODE

Parameter/Response:

spectrumTunedEMF|scannerEMF|signalAnalyzerNR|trafficAnalyzerNR

Example: EMF:MODE signalAnalyzerNR

Description: You can set or query measurement mode in EMF Analyzer

## TAGS:MODE

Syntax: TAGS:MODE

Parameter/Response:

spectrum|spectrogram|spectrumReplayer|singlePIM|multiPIM|rssi|interferenceFinder|rad

arChart|onLineInterferenceFinder|onLineRadarChart

Example: TAGS:MODE? | TAGS:MODE spectrogram

---

Description: You can set or query measurement mode in TDD Auto Gated Spectrum Analyzer

## Spectrum Analyzer

Spectrum analysis measurement commands are supported for ONA-800 SPA06MA except for AM/FM Audio Dmodulation and Spectrum Calibration related commands.

### **SPECTrum:HW:SOURce:CLOCK:SElect**

Syntax: SPECTrum:HW:SOURce:CLOCK:SElect

Parameter/Response: Internal|External|GNSS

Example: SPECTrum:HW:SOURce:CLOCK:SElect External

Description: You can set clock source among Internal, External, or GNSS.

### **SPECTrum:TYPE**

Syntax: SPECTrum:TYPE

Parameter/Response: [Sweep | FFT | Zero]

Example: SPECTrum:TYPE?

Description: You can set or query spectrum type among Sweep, FFT, or Zero.

### **SPECTrum:PORT:NTYPE:USE**

Syntax: SPECTrum:PORT:NTYPE:USE

Parameter/Response: [On | Off]

Example: SPECTrum:PORT:NTYPE:USE On

Description: You can set N-Type Port to on or off.

### **SPECTrum:CHPower:INTergrated:BANDwidth**

Syntax: SPECTrum:CHPower:INTergrated:BANDwidth

Parameter/Response: 1 kHz ~ 1 GHz

Description: You can set or query integrated bandwidth for Channel Power.

Example:

SPECTrum:CHPower:INTergrated:BANDwidth 10MHz

SPECTrum:CHPower:INTergrated:BANDwidth?

### **SPECTrum:CHPower:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: SPECTrum:CHPower:MARKer[1|2|3|4|5|6]:RESUlt:POWer

Parameter/Response: NA

Description: You can query marker amplitude for Channel Power.

Example:

SPECTrum:CHPower:MARKer1:RESUlt:POWer?

---

### **SPECTrum:CHPower:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer**

Syntax: SPECTrum:CHPower:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer

Parameter/Response: NA

Description: You can query delta marker amplitude for Channel Power.

Example:

SPECTrum:CHPower:MARKer1:DELTA:RESUlt:POWer?

### **SPECTrum:CHANnel:POWer**

Syntax: SPECTrum:CHANnel:POWer

Parameter/Response: N/A

Description: You can query channel power in Spectrum Analyzer.

Example:

SPECTrum:CHANnel:POWer?

### **SPECTrum:CHANnel:POWer:JUDGe**

Syntax: SPECTrum:CHANnel:POWer:JUDGe

Parameter/Response: N/A

Description: You can query pass or fail for channel power in Spectrum Analyzer.

Example:

SPECTrum:CHANnel:POWer:JUDGe?

### **SPECTrum:CHANnel:POWer:PAR**

Syntax: SPECTrum:CHANnel:POWer:PAR

Parameter/Response: N/A

Description: You can query peak to average ratio for channel power.

Example:

SPECTrum:CHANnel:POWer:PAR?

### **SPECTrum:CHANnel:POWer: SPECTral:DENSity**

Syntax: SPECTrum:CHANnel:POWer:SPECTral:DENSity

Parameter/Response: N/A

Description: You can query spectral density for channel power.

Example:

SPECTrum:CHANnel:POWer:SPECTral:DENSity?

### **SPECTrum:OBWidth:PERCent**

Syntax: SPECTrum:OBWidth:PERCent

Parameter/Response: 1.0 ~ 100

Description: You can set or query occupied bandwidth percent power.

Example:

SPECTrum:OBWidth:PERCent 80

SPECTrum:OBWidth:PERCent?



---

### **SPECTrum:OBWidth:XDB**

Syntax: SPECTrum:OBWidth:XDB

Parameter/Response: -50.0 ~ 0.0

Description: You can set or query x dB for Occupied Bandwidth.

Example:

SPECTrum:OBWidth:XDB -5

SPECTrum:OBWidth:XDB?

### **SPECTrum:OBWidth:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: SPECTrum:OBWidth:MARKer[1|2|3|4|5|6]:RESUlt:POWer

Parameter/Response: NA

Description: You can query marker amplitude for Occupied Bandwidth.

Example:

SPECTrum:OBWidth:MARKer1:RESUlt:POWer?

### **SPECTrum:OBWidth:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer**

Syntax: SPECTrum:OBWidth:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer

Parameter/Response: NA

Description: You can query delta marker amplitude for Occupied Bandwidth.

Example:

SPECTrum:OBWidth:MARKer1:DELTA:RESUlt:POWer?

### **SPECTrum:OCCupied:BANDwidth**

Syntax: SPECTrum:OCCupied:BANDwidth

Parameter/Response:

Description: You can query occupied bandwidth of Spectrum Analyzer.

Example:

SPECTrum:OCCupied:BANDwidth?

### **SPECTrum:OCCupied:BANDwidth:INTegrated:POWer**

Syntax: SPECTrum:OCCupied:BANDwidth:INTegrated:POWer

Parameter/Response:

Description: You can query Integrated Power for occupied bandwidth.

Example:

SPECTrum:OCCupied:BANDwidth:INTegrated:POWer?

### **SPECTrum:OCCupied:BANDwidth:JUDGE**

Syntax: SPECTrum:OCCupied:BANDwidth:JUDGE

Parameter/Response:

Description: You can query pass or fail for occupied bandwidth.

Example:

SPECTrum:OCCupied:BANDwidth:JUDGE?

---

### **SPECTrum:OCCupied:BANDwidth:OCCupied:POWer**

Syntax: SPECTrum:OCCupied:BANDwidth:OCCupied:POWer

Parameter/Response:

Description: You can query Occupied Power for occupied bandwidth.

Example:

SPECTrum:OCCupied:BANDwidth:OCCupied:POWer?

### **SPECTrum:OCCupied:BANDwidth:XDB:BANDwidth**

Syntax: SPECTrum:OCCupied:BANDwidth:XDB:BANDwidth

Parameter/Response:

Description: You can query xDB Bandwidth in Occupied Bandwidth measurement.

Example:

SPECTrum:OCCupied:BANDwidth:XDB:BANDwidth?

### **SPECTrum:SEM:MAIN:BANDwidth**

Syntax: SPECTrum:SEM:MAIN:BANDwidth

Parameter/Response: 1 kHz ~ 1 GHz

Description: You can set or query main bandwidth for Spectrum Emission Mask.

Example:

SPECTrum:SEM:MAIN:BANDwidth 2MHz

SPECTrum:SEM:MAIN:BANDwidth?

### **SPECTrum:SEM:FREQuency:SPAN**

Syntax: SPECTrum:SEM:FREQuency:SPAN

Parameter/Response: 1 kHz~ Max Span

Description: You can set or query frequency span in SEM for Spectrum Analyzer.

Example:

SPECTrum:FREQuency:SPAN 10.0 MHz

SPECTrum:FREQuency:SPAN?

### **SPECTrum:SEM:OFFSet:SElect**

Syntax: SPECTrum:SEM:OFFSet:SElect

Parameter/Response: 1 ~ 5

Description: You can set or query offset from 1 to 5 for Spectrum Emission Mask.

Example:

SPECTrum:SEM:OFFSet:SElect 2

SPECTrum:SEM:OFFSet:SElect?

### **SPECTrum:SEM:OFFSet [1|2|3|4|5]**

Syntax: SPECTrum:SEM:OFFSet [1|2|3|4|5]

Parameter/Response: {On|Off}

---

Description: You can set offset on or off or query offset for Spectrum Emission Mask.

Example:

```
SPECTrum:SEM:OFFSet1 On
```

```
SPECTrum:SEM:OFFSet1?
```

### **SPECTrum:SEM:OFFSet[1|2|3|4|5]:FREQuency**

Syntax: SPECTrum:SEM:OFFSet[1|2|3|4|5]:FREQuency

Parameter/Response: 1 kHz ~ 100 MHz

Description: You can set or query offset frequency for Spectrum Emission Mask.

Example:

```
SPECTrum:SEM:OFFSet1:FREQuency 10
```

```
SPECTrum:SEM:OFFSet1:FREQuency?
```

### **SPECTrum:SEM:OFFSet[1|2|3|4|5]:STARt**

Syntax: SPECTrum:SEM:OFFSet[1|2|3|4|5]:STARt

Parameter/Response: -120 ~ 100

Description: You can set or query start offset limit for Spectrum Emission Mask.

Example:

```
SPECTrum:SEM:OFFSet1:STARt 20
```

```
SPECTrum:SEM:OFFSet1:STARt?
```

### **SPECTrum:SEM:OFFSet[1|2|3|4|5]:STOP**

Syntax: SPECTrum:SEM:OFFSet[1|2|3|4|5]:STOP

Parameter/Response: -120 ~ 100

Description: You can set or query stop offset limit for Spectrum Emission Mask.

Example:

```
SPECTrum:SEM:OFFSet1:STOP 10
```

```
SPECTrum:SEM:OFFSet1:STOP?
```

### **SPECTrum:SEM:OFFSet[1|2|3|4|5]:BANDwidth**

Syntax: SPECTrum:SEM:OFFSet[1|2|3|4|5]:BANDwidth

Parameter/Response: {0.001|0.003|0.01|0.03|0.1|0.3|1|3}

Description: You can set or query measurement bandwidth for Spectrum Emission Mask.

Example:

```
SPECTrum:SEM:OFFSet1:BANDwidth 0.003
```

```
SPECTrum:SEM:OFFSet1:BANDwidth?
```

### **SPECTrum:SEM:OFFSet[1|2|3|4|5]:REFerence**

Syntax: SPECTrum:SEM:OFFSet[1|2|3|4|5]:REFerence

Parameter/Response: {Absolute,Relative}

Description: You can set or query offset reference for Spectrum Emission Mask.

Example:

```
SPECTrum:SEM:OFFSet1:REFerence Absolute
```

---

`SPECTrum:SEM:OFFSet1:REference?`

### **SPECTrum:SEM:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: `SPECTrum:SEM:OFFSet[1|2|3|4|5]:REference`

Parameter/Response: NA

Description: You can query marker amplitude for Spectrum Emission Mask.

Example:

`SPECTrum:SEM:MARKer1:RESUlt:POWer?`

### **SPECTrum:SEM:MARKer[1|2|3|4|5|6]:DELTa:RESUlt:POWer**

Syntax: `SPECTrum:SEM:MARKer[1|2|3|4|5|6]:DELTa:RESUlt:POWer`

Parameter/Response: NA

Description: You can query delta maker amplitude for Spectrum Emission Mask.

Example:

`SPECTrum:SEM:MARKer1:DELTa:RESUlt:POWer?`

### **SPECTrum:SEM:JUDGE**

Syntax: `SPECTrum:SEM:JUDGE`

Parameter/Response: N/A

Description: You can query pass or fail for Spectrum Emission Mask.

Example:

`SPECTrum:SEM:JUDGE?`

### **SPECTrum:SEM:LOWer:PEAK#:JUDGE**

Syntax: `SPECTrum:SEM:LOWer:PEAK#:JUDGE`

Parameter/Response: N/A

Description: You can query pass or fail of each carrier in lower for Spectrum Emission Mask.

Example:

`SPECTrum:SEM:LOWer:PEAK5:JUDGE?`

### **SPECTrum:SEM:LOWer:PEAK#:POWer**

Syntax: `SPECTrum:SEM:LOWer:PEAK#:POWer`

Parameter/Response: N/A

Description: You can query Peak Power of each carrier in lower for Spectrum Emission Mask.

Example:

`SPECTrum:SEM:LOWer:PEAK5:POWer?`

### **SPECTrum:SEM:REFeRence:POWer**

Syntax: `SPECTrum:SEM:REFeRence:POWer`

Parameter/Response: N/A

Description: You can query Reference Power for Spectrum Emission Mask.

Example:

---

`SPECTrum:SEM:REFerence:POWer?`

### **SPECTrum:SEM:UPPer:PEAK#:JUDGe**

Syntax: `SPECTrum:SEM:UPPer:PEAK#:JUDGe`

Parameter/Response: N/A

Description: You can query pass or fail of each carrier in upper for Spectrum Emission Mask.

Example:

`SPECTrum:SEM:UPPer:PEAK5:JUDGe?`

### **SPECTrum:SEM:UPPer:PEAK#:POWer**

Syntax: `SPECTrum:SEM:UPPer:PEAK#:POWer`

Parameter/Response: N/A

Description: You can query Peak Power of each carrier in UPPer for Spectrum Emission Mask.

Example:

`SPECTrum:SEM:UPPer:PEAK5:POWer?`

### **SPECTrum:ACP:MAIN:BANDwidth**

Syntax: `SPECTrum:ACP:MAIN:BANDwidth`

Parameter/Response: 1 kHz ~ 1 GHz

Description: You can set or query main bandwidth for Adjacent Channel Power.

Example:

`SPECTrum:SEM:MAIN:BANDwidth 2MHz`

`SPECTrum:SEM:MAIN:BANDwidth?`

### **SPECTrum:ACP:OFFSet:SElect**

Syntax: `SPECTrum:ACP:OFFSet:SElect`

Parameter/Response: 1 ~ 5

Description: You can set or query offset from 1 to 5 for Adjacent Channel Power.

Example:

`SPECTrum:ACP:OFFSet:SElect 2`

`SPECTrum:ACP:OFFSet:SElect?`

### **SPECTrum:ACP:OFFSet [1|2|3|4|5]**

Syntax: `SPECTrum:ACP:OFFSet [1|2|3|4|5]`

Parameter/Response: {On|Off}

Description: You can set offset on or off or query offset for Adjacent Channel Power.

Example:

`SPECTrum:ACP:OFFSet1 On`

`SPECTrum:ACP:OFFSet?`

---

### **SPECTrum:ACP:OFFSet[1|2|3|4|5]:FREQuency**

Syntax: SPECTrum:ACP:OFFSet[1|2|3|4|5]:FREQuency

Parameter/Response: 1 kHz ~ 100 MHz

Description: You can set or query offset frequency for Adjacent Channel Power.

Example:

SPECTrum:ACP:OFFSet1:FREQuency 10

SPECTrum:ACP:OFFSet1:FREQuency?

### **SPECTrum:ACP:OFFSet[1|2|3|4|5]:BANDwidth**

Syntax: SPECTrum:ACP:OFFSet[1|2|3|4|5]:BANDwidth

Parameter/Response: 1 kHz ~ 100 MHz

Description: You can set or query measurement bandwidth for Adjacent Channel Power.

Example:

SPECTrum:ACP:OFFSet1:BANDwidth 5

SPECTrum:ACP:OFFSet1:BANDwidth?

### **SPECTrum:ACP:OFFSet[1|2|3|4|5]:LOWer**

Syntax: SPECTrum:ACP:OFFSet[1|2|3|4|5]:LOWer

Parameter/Response: -120 ~ 100

Description: You can set or query lower offset for Adjacent Channel Power.

Example:

SPECTrum:ACP:OFFSet1:LOWer 20

SPECTrum:ACP:OFFSet1:LOWer?

### **SPECTrum:ACP:OFFSet[1|2|3|4|5]:HIGHer**

Syntax: SPECTrum:ACP:OFFSet[1|2|3|4|5]:HIGHer

Parameter/Response: -120 ~ 100

Description: You can set or query higher offset for Adjacent Channel Power.

Example:

SPECTrum:ACP:OFFSet1:HIGHER 50

SPECTrum:ACP:OFFSet1:HIGHER?

### **SPECTrum:ACP:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: SPECTrum:ACP:MARKer[1|2|3|4|5|6]:RESUlt:POWer

Parameter/Response: NA

Description: You can query marker amplitude for Adjacent Channel Power.

Example:

SPECTrum:ACP:MARKer1:RESUlt:POWer?

### **SPECTrum:ACP:MARKer[1|2|3|4|5|6]:DELTa:RESUlt:POWer**

Syntax: SPECTrum:ACP:MARKer[1|2|3|4|5|6]:DELTa:RESUlt:POWer

Parameter/Response: NA

---

Description: You can query delta marker amplitude for Adjacent Channel Power.

Example:

`SPECTrum:ACP:MARKel:DELTA:RESUlt:POWer?`

### **SPECTrum:ACP:INTegration:LOWer:ABSolute:POWer#**

Syntax: `SPECTrum:ACP:INTegration:LOWer:ABSolute:POWer#`

Parameter/Response: NA

Description: You can query Absolute Integration Power of lower channel for Adjacent Channel Power.

Example:

`SPECTrum:ACP:INTegration:LOWer:ABSolute:POWer5?`

### **SPECTrum:ACP:INTegration:LOWer:RELative:POWer#**

Syntax: `SPECTrum:ACP:INTegration:LOWer:RELative:POWer#`

Parameter/Response: NA

Description: You can query Relative Integration Power of lower channel for Adjacent Channel Power.

Example:

`SPECTrum:ACP:INTegration:LOWer:RELative:POWer5?`

### **SPECTrum:ACP:INTegration:UPPer:RELative:POWer#**

Syntax: `SPECTrum:ACP:INTegration:UPPer:RELative:POWer#`

Parameter/Response: NA

Description: You can query Relative Integration Power of upper channel for Adjacent Channel Power.

Example:

`SPECTrum:ACP:INTegration:UPPer:RELative:POWer5?`

### **SPECTrum:ACP:JUDGE**

Syntax: `SPECTrum:ACP:JUDGE`

Parameter/Response: N/A

Description: You can query pass or fail for Adjacent Channel Power.

Example:

`SPECTrum:ACP:JUDGE?`

### **SPECTrum:ACP:REFence:POWer**

Syntax: `SPECTrum:ACP:REFence:POWer`

Parameter/Response: N/A

Description: You can query Reference Power for Adjacent Channel Power.

Example:

`SPECTrum:ACP:REFence:POWer?`

### **SPECTrum:MACP:MAIN:BANDwidth**

Syntax: `SPECTrum:MACP:MAIN:BANDwidth`

---

Parameter/Response: 1 kHz ~ 1 GHz

Description: You can set or query main bandwidth for Multiple Adjacent Channel Power.

Example:

```
SPECTrum:MACP:MAIN:BANDwidth 2MHz
```

```
SPECTrum:MACP:MAIN:BANDwidth??
```

### **SPECTrum:MACP:OFFSet:SElect**

Syntax: SPECTrum:MACP:OFFSet:SElect

Parameter/Response: 1 ~ 5

Description: You can set or query offset selection Multiple Adjacent Channel Power.

Example:

```
SPECTrum:MACP:OFFSet:SElect 2
```

```
SPECTrum:ACP:OFFSet:SElect?
```

### **SPECTrum:MACP:OFFSet[1|2|3|4|5]**

Syntax: SPECTrum:MACP:OFFSet[1|2|3|4|5]

Parameter/Response: {On|Off}

Description: You can set offset on or off or query offset for Multiple Adjacent Channel Power.

Example:

```
SPECTrum:MACP:OFFSet1 On
```

```
SPECTrum:MACP:OFFSet1?
```

### **SPECTrum:MACP:OFFSet[1|2|3|4|5]:FREQuency**

Syntax: SPECTrum:MACP:OFFSet:FREQuency

Parameter/Response: 1 kHz ~ 100 MHz

Description: You can set or query offset frequency for Multiple Adjacent Channel Power.

Example:

```
SPECTrum:MACP:OFFSet1:FREQuency 10
```

```
SPECTrum:MACP:OFFSet1:FREQuency?
```

### **SPECTrum:MACP:OFFSet[1|2|3|4|5]:BANDwidth**

Syntax: SPECTrum:MACP:OFFSet:BANDwidth

Parameter/Response: 1 kHz ~ 100 MHz

Description: You can set or query offset bandwidth for Multiple Adjacent Channel Power.

Example:

```
SPECTrum:MACP:OFFSet1:BANDwidth 5
```

```
SPECTrum:MACP:OFFSet1:BANDwidth?
```



---

### **SPECTrum:MACP:OFFSet[1|2|3|4|5]:LOWer**

Syntax: SPECTrum:MACP:OFFSet:LOWer

Parameter/Response: -120 ~ 100

Description: You can set lower offset on or off or query lower offset for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:OFFSet1:LOWer 20

SPECTrum:MACP:OFFSet1:LOWer?

### **SPECTrum:MACP:OFFSet[1|2|3|4|5]:HIGHer**

Syntax: SPECTrum:MACP:OFFSet:HIGHer

Parameter/Response: -120 ~ 100

Description: You can set higher offset on or off or query higher offset for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:OFFSet1:HIGHer 50

SPECTrum:MACP:OFFSet1:HIGHer?

### **SPECTrum:MACP:FREQuency:LOWest**

Syntax: SPECTrum:MACP:FREQuency:LOWest

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query lowest frequency for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:FREQuency:LOWest 1GHz

SPECTrum:MACP:FREQuency:LOWest?

### **SPECTrum:MACP:FREQuency:HIGHest**

Syntax: SPECTrum:MACP:FREQuency:HIGHest

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40 GHz

Description: You can set or query highest frequency for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:FREQuency:HIGHest 500

SPECTrum:MACP:FREQuency:HIGHest?

### **SPECTrum:MACP:CHANnel:HIGHest**

Syntax: SPECTrum:MACP:CHANnel:HIGHest

Parameter/Response: refer to channel standard

Description: You can set or query highest channel for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:CHANnel:HIGHest 400

SPECTrum:MACP:CHANnel:HIGHest?

---

### **SPECTrum:MACP:CHANnel:LOWest**

Syntax: SPECTrum:MACP:CHANnel:LOWest

Parameter/Response: refer to channel standard

Description: You can set or query lowest channel for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:CHANnel:LOWest 401

SPECTrum:MACP:CHANnel:LOWest?

### **SPECTrum:MACP:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: SPECTrum:MACP:MARKer[1|2|3|4|5|6]:RESUlt:POWer

Parameter/Response: NA

Description: You can query marker amplitude for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:MARKer1:RESUlt:POWer?

### **SPECTrum:MACP:MARKer[1|2|3|4|5|6]:DELTa:RESUlt:POWer**

Syntax: SPECTrum:MACP:MARKer[1|2|3|4|5|6]:DELTa:RESUlt:POWer

Parameter/Response: NA

Description: You can query Delta marker amplitude for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:MARKer1:DELTa:RESUlt:POWer?

### **SPECTrum:MACP:INTegration:LOWer:ABSolute:POWer#**

Syntax: SPECTrum:MACP:INTegration:LOWer:ABSolute:POWer#

Parameter/Response: NA

Description: You can query Absolute Integration Power of lower channel for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:INTegration:LOWer:ABSolute:POWer5?

### **SPECTrum:MACP:INTegration:LOWer:JUDGE#**

Syntax: SPECTrum:MACP:INTegration:LOWer:JUDGE#

Parameter/Response: NA

Description: You can query pass or fail for Integration Power of Lower Channel for Multiple Adjacent Channel Power.

Example:

SPECTrum:MACP:INTegration:LOWer:JUDGE5?

### **SPECTrum:MACP:INTegration:LOWer:RELative:POWer#**

Syntax: SPECTrum:MACP:INTegration:LOWer:RELative:POWer#

---

Parameter/Response: NA

Description: You can query Relative Integration Power of Lower Channel for Multiple Adjacent Channel Power.

Example:

`SPECTrum:MACP:INTegration:LOWer:RELative:POWer5?`

#### **SPECTrum:MACP:INTegration:UPPer:ABSolute:POWer#**

Syntax: `SPECTrum:MACP:INTegration:UPPer:ABSolute:POWer#`

Parameter/Response: NA

Description: You can query Absolute Integration Power of Upper Channel for Multiple Adjacent Channel Power.

Example:

`SPECTrum:MACP:INTegration:UPPer:ABSolute:POWer5?`

#### **SPECTrum:MACP:INTegration:UPPer:JUDGe#**

Syntax: `SPECTrum:MACP:INTegration:UPPer:JUDGe#`

Parameter/Response: NA

Description: You can query pass or fail for Integration Power of UPPER Channel for Multiple Adjacent Channel Power.

Example:

`SPECTrum:MACP:INTegration:UPPer:JUDGe5?`

#### **SPECTrum:MACP:INTegration:UPPer:Relative:POWer#**

Syntax: `SPECTrum:MACP:INTegration:UPPer:Relative:POWer#`

Parameter/Response: NA

Description: You can query Relative Integration Power of Upper Channel for Multiple Adjacent Channel Power.

Example:

`SPECTrum:MACP:INTegration:UPPer:Relative:POWer5?`

#### **SPECTrum:MACP:JUDGe**

Syntax: `SPECTrum:MACP:JUDGe`

Parameter/Response: N/A

Description: You can query pass or fail for Multiple Adjacent Channel Power.

Example:

`SPECTrum:MACP:JUDGe?`

#### **SPECTrum:MACP:REFeRence:LOWer:POWer**

Syntax: `SPECTrum:MACP:REFeRence:LOWer:POWer`

Parameter/Response:

Description: You can query Reference Power of low carrier in Multi Adjacent Channel Power measurement.

Example:

`SPECTrum:MACP:REFeRence:LOWer:POWer?`

---

### **SPECTrum:MACP:REFeRence:UPPer:POWeR**

Syntax: SPECTrum:MACP:REFeRence:UPPer:POWeR

Parameter/Response:

Description: You can query Reference Power of high carrier in Multi Adjacent Channel Power measurement.

Example:

SPECTrum:MACP:REFeRence:UPPer:POWeR?

### **SPECTrum:SPURious:MEASure:TYPE**

Syntax: SPECTrum:SPURious:MEASure:TYPE

Parameter/Response: {Examine|Full}

Description: You can set or query Measurement Type for Spurious Emissions.

Example: SPECTrum:SPURious:MEASure:TYPE Full

### **SPECTrum:SPURious:RANGe:CURRent**

Syntax: SPECTrum:SPURious:RANGe:CURRent

Parameter/Response: 1 ~ 20

Description: You can set or query Range current for Spurious Emissions.

Example: SPECTrum:SPURious:RANGe:CURRent 1/

SPECTrum:SPURious:RANGe:CURRent?

### **SPECTrum:SPURious:RANge:SElect**

Syntax: SPECTrum:SPURious:RANge:SElect

Parameter/Response: 1 ~ 10

Description: You can set or query Range selection for Spurious Emissions.

Example: SPECTrum:SPURious:RANge:SElect 1

### **SPECTrum:SPURious:RANge[1|..|20]**

Syntax: SPECTrum:SPURious:RANge[1|..|20]

Parameter/Response: {On|Off}

Description: You can set range on or off or query Range for Spurious Emissions Mask

Example: SPECTrum:SPURious:RANge1 On

### **SPECTrum:SPURious:RANge[1|..|20]:FREQuency:STARt**

Syntax: SPECTrum:SPURious:RANge[1|..|20]:FREQuency:STARt

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Description:

You can set or query frequency range start for Spurious Emissions.

Example: SPECTrum:SPURious:RANge1:FREQuency:STARt 1 GHz

---

### **SPECTrum:SPURious:RANge[1|..|20]:FREQuency:STOP**

Syntax: SPECTrum:SPURious:RANge[1|..|20]:FREQuency:STOP

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Description:

You can set or query frequency range stop for Spurious Emissions.

Example: SPECTrum:SPURious:RANge1:FREQuency:STOP 1 GHz

### **SPECTrum:SPURious:RANge[1|..|20]:LIMit:START**

Syntax: SPECTrum:SPURious:RANge[1|..|20]:LIMit:START

Parameter/Response: -120 ~ 100

Description:

You can set or query limit range start for Spurious Emissions.

Example: SPECTrum:SPURious:RANge1:LIMit:START 99

### **SPECTrum:SPURious:RANge[1|..|20]:LIMit:STOP**

Syntax: SPECTrum:SPURious:RANge[1|..|20]:LIMit:STOP

Parameter/Response: -120 ~ 100

Description:

You can set or query limit range stop for Spurious Emissions.

Example: SPECTrum:SPURious:RANge1:LIMit:STOP 99

### **SPECTrum:SPURious:RANge[1|..|20]:ATTenuation**

Syntax: SPECTrum:SPURious:RANge[1|..|20]:ATTenuation

Parameter/Response: {0|5|10|15|20|25|30|35|40|45|50|55}

Description:

You can set or query attenuation range for Spurious Emissions.

Example: SPECTrum:SPURious:RANge1:ATTenuation 55

### **SPECTrum:SPURious:RANge[1|..|20]:RBW**

Syntax: SPECTrum:SPURious:RANge[1|..|20]:RBW

Parameter/Response: {1 kHz|3 kHz|10 kHz|30 kHz|100 kHz|300 kHz|1 MHz|3 MHz}

Description:

You can set or query RBW range for Spurious Emissions.

Example: SPECTrum:SPURious:RANge1:RBW 0.3

### **SPECTrum:SPURious:RANge[1|..|20]:VBW**

Syntax: SPECTrum:SPURious:RANge[1|..|20]:VBW

Parameter/Response: {1 kHz|3 kHz|10 kHz|30 kHz|100 kHz|300 kHz|1 MHz|3 MHz}

Description: You can set or query VBW range for Spurious Emissions.

Example: SPECTrum:SPURious:RANge1:VBW 0.3

---

### **SPECTrum:SPURious:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: SPECTrum:SPURious:MARKer[1|2|3|4|5|6]:RESUlt:POWer

Parameter/Response: N/A

Description: You can query Marker Amplitude for Spurious Emissions.

Example:

SPECTrum:SPURious:MARKer1:RESUlt:POWer?

### **SPECTrum:SPURious:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer**

Syntax: SPECTrum:SPURious:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer

Parameter/Response: N/A

Description: You can query Delta Marker Amplitude for Spurious Emissions.

Example:

SPECTrum:SPURious:MARKer1:DELTA:RESUlt:POWer?

### **SPECTrum:SPURious:EMISSions:FREQuency:PEAK#**

Syntax: SPECTrum:SPURious:EMISSions:FREQuency:PEAK#

Parameter/Response: N/A

Description: You can query Peak Frequency for Spurious Emissions measurement.

Example:

SPECTrum:SPURious:EMISSions:FREQuency:PEAK20?

### **SPECTrum:SPURious:EMISSions:JUDGE**

Syntax: SPECTrum:SPURious:EMISSions:JUDGE

Parameter/Response: N/A

Description:

You can query pass or fail for the Spurious Emissions measurement.

Example: SPECTrum:SPURious:EMISSions:JUDGE?

### **SPECTrum:SPURious:EMISSions:JUDGE:RANGE:PEAK#**

Syntax: SPECTrum:SPURious:EMISSions:JUDGE:RANGE:PEAK#

Parameter/Response:

Description: You can query pass or fail for the Peak Frequency of Range in Spurious Emissions measurement.

Example:

SPECTrum:SPURious:EMISSions:JUDGE:RANGE:PEAK20?

### **SPECTrum:SPURious:EMISSions:POWer:PEAK#**

Syntax: SPECTrum:SPURious:EMISSions:POWer:PEAK#

Parameter/Response: N/A

Description: You can query Peak Power for Spurious Emissions measurement.

Example:

SPECTrum:SPURious:EMISSions:POWer:PEAK20?

---

### **SPECTrum:AMFM:DEMod**

Syntax: SPECTrum:AMFM:DEMod

Parameter/Response: {On|Off}

Description: You can query AM/FM On or Off for AM/FM Audio Demodulation

Example: N/A

### **SPECTrum:AMFM:DEMod:AT**

Syntax: SPECTrum:AMFM:DEMod:AT

Parameter/Response:

{Marker01|Marker02|Marker03|Marker04|Marker05|Marker06}

Description: N/A

Example: N/A

### **SPECTrum:AMFM:DEMod:MODE**

Syntax: SPECTrum:AMFM:DEMod:MODE

Parameter/Response: {CW|AM|FM}

Description: N/A

Example: N/A

### **SPECTrum:AMFM:DEMod:TIME**

Syntax: SPECTrum:AMFM:DEMod:TIME

Parameter/Response: 3 ~ 120

Description: N/A

Example: N/A

### **SPECTrum:AMFM:DEMod:VOLUME**

Syntax: SPECTrum:AMFM:DEMod:VOLUME

Parameter/Response: 1 ~ 10

Description: N/A

Example: N/A

### **SPECTrum:AMFM:DEMod:GAIN**

Syntax: SPECTrum:AMFM:DEMod:GAIN

Parameter/Response: {On|Off}

Description: N/A

Example: N/A

### **SPECTrum:AMFM:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: SPECTrum:AMFM:MARKer[1|2|3|4|5|6]:RESUlt:POWer

Parameter/Response: N/A

Description: You can query Marker Amplitude for AM/FM Audio Demodulation

Example:

---

`SPECTrum:AMFM:MARKer1:RESUlt:POWer?`

### **SPECTrum:AMFM:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer**

Syntax: `SPECTrum:AMFM:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer`

Parameter/Response: N/A

Description: You can query Delta Marker Amplitude for AM/FM Audio Demodulation

Example:

`SPECTrum:AMFM:MARKer1:DELTA:RESUlt:POWer?`

### **SPECTrum:FIELD:ANTenna:FREQuency:START**

Syntax: `SPECTrum:FIELD:ANTenna:FREQuency:START`

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Description: You can set or query antenna start frequency for field strength

Example: `SPECTrum:FIELD:ANTenna:FREQuency:START 1 GHz`

### **SPECTrum:FIELD:ANTenna:FREQuency:STOP**

Syntax: `SPECTrum:FIELD:ANTenna:FREQuency:STOP`

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Description: You can set or query antenna stop frequency for field strength

Example: `SPECTrum:FIELD:ANTenna:FREQuency:STOP 1 GHz`

### **SPECTrum:FIELD:ANTenna:POWer**

Syntax: `SPECTrum:FIELD:ANTenna:POWer`

Parameter/Response: -120 ~ 100

Description: You can set or query antenna amplitude for field strength

Example: `SPECTrum:FIELD:ANTenna:POWer 99`

### **SPECTrum:FIELD:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: `SPECTrum:FIELD:MARKer[1|2|3|4|5|6]:RESUlt:POWer`

Parameter/Response: N/A

Description: You can query Marker Amplitude for Field Strength

Example: `SPECTrum:FIELD:MARKer1:RESUlt:POWer?`

### **SPECTrum:FIELD:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer**

Syntax: `SPECTrum:FIELD:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer`

Parameter/Response: N/A

Description: You can query Delta Marker Amplitude for Field Strength

Example: `SPECTrum:FIELD:MARKer1:DELTA:RESUlt:POWer?`

### **SPECTrum:ROUTE:PLOT:MODE**

Syntax: `SPECTrum:ROUTE:PLOT:MODE`



---

Parameter/Response: {Start|Stop}  
Description: You can set or query plot mode for the Route Map  
Example: `SPECTrum:ROUTe:PLOT:MODE On`

#### **SPECTrum:ROUTe:PLOT:TYPE**

Syntax: `SPECTrum:ROUTe:PLOT:TYPE`  
Parameter/Response: {Position|GNSS|Time}  
Description: You can set plot type for the Route Map  
Example: `SPECTrum:ROUTe:PLOT:TYPE`

#### **SPECTrum:ROUTe:PLOT:ITEM**

Syntax: `SPECTrum:ROUTe:PLOT:ITEM`  
Parameter/Response: {RSSI|ACP}  
Description: You can set or query plot item for the Route Map  
Example: `SPECTrum:ROUTe:PLOT:ITEM ACP`

#### **SPECTrum:ROUTe:SCREen:MODE**

Syntax: `SPECTrum:ROUTe:SCREen:MODE`  
Parameter/Response: {Map|Full}  
Description: You can set or query screen mode for the Route Map  
Example: `SPECTrum:ROUTe:SCREen:MODE On`

#### **SPECTrum:ROUTe:MAIN:BANDwidth**

Syntax: `SPECTrum:ROUTe:MAIN:BANDwidth`  
Parameter/Response: 1 kHz ~ 1 GHz  
Description: You can set or query main bandwidth for the Route Map  
Example: `SPECTrum:ROUTe:MAIN:BANDwidth 0.1 GHz`

#### **SPECTrum:ROUTe:ACP:OFFSet:MODE**

Syntax: `SPECTrum:ROUTe:ACP:OFFSet:MODE`  
Parameter/Response: {On|Off}  
Description: You can set or query ACP offset mode for the Route Map  
Example: `SPECTrum:ROUTe:ACP:OFFSet:MODE On`

#### **SPECTrum:ROUTe:ACP:OFFSet:IBW**

Syntax: `SPECTrum:ROUTe:ACP:OFFSet:IBW`  
Parameter/Response: 1 kHz ~ 1 GHz  
Description: You can set or query ACP offset IBW for the Route Map  
Example: `SPECTrum:ROUTe:ACP:OFFSet:IBW 0.1 GHz`

#### **SPECTrum:ROUTe:ACP:OFFSet:FREQuency**

Syntax: `SPECTrum:ROUTe:ACP:OFFSet:FREQuency`

---

Parameter/Response: 1 kHz ~ 100 MHz  
Description: You can set or query ACP offset frequency for the Route Map  
Example: `SPECTrum:ROUTe:ACP:OFFSet:FREQuency 1 GHz`

#### **SPECTrum:ROUTe:ACP:OFFSet:AMPlitude**

Syntax: `SPECTrum:ROUTe:ACP:OFFSet:AMPlitude`  
Parameter/Response: -120 ~ 100  
Description: You can set or query ACP offset amplitude for the Route Map  
Example: `SPECTrum:ROUTe:ACP:OFFSet:AMPlitude 99`

#### **SPECTrum:THD:FREQuency**

Syntax: `SPECTrum:THD:FREQuency`  
Parameter/Response: 1 MHz ~ 6GHz  
Description: You can set or query frequency for the Total Harmonic Distortion  
Example: `SPECTrum:THD:FREQuency 1 GHz`

#### **SPECTrum:THD:FREQuency#**

Syntax: `SPECTrum:THD:FREQuency`  
Parameter/Response: NA  
Description: You can query frequency for the Total Harmonic Distortion  
Example: `SPECTrum:THD:FREQuency10?`

#### **SPECTrum:THD:POWer#**

Syntax: `SPECTrum:THD:POWer`  
Parameter/Response: NA  
Description: You can query power for the Total Harmonic Distortion  
Example: `SPECTrum:THD:FREQuency10?`

#### **SPECTrum:THD:PERCent**

Syntax: `SPECTrum:THD:PERCent`  
Parameter/Response: NA  
Description: You can query Total Harmonic Distortion in percent  
Example: `SPECTrum:THD:PERCent?`

#### **SPECTrum:THD:RELative:POWer**

Syntax: `SPECTrum:THD:RELative:POWer`  
Parameter/Response: NA  
Description: You can query Total Harmonic Distortion in relative power  
Example: `SPECTrum:THD:RELative:POWer?`

#### **SPECTrum:GATEd:SWEEp:MODE**

Syntax: `SPECTrum:GATEd:SWEEp:MODE`

---

Parameter/Response: {On|Off}

Description: You can set on or off or query Sweep Mode for Gated Sweep

Example:

SPECTrum:GATED:SWEEp:MODE On

SPECTrum:GATED:SWEEp:MODE?

### **SPECTrum:GATED:SWEEp:MEASure:SElect**

Syntax: SPECTrum:GATED:SWEEp:MEASure:SElect

Parameter/Response: {MeasureZero|MeasureSweep}

Description: N/A

Example:

SPECTrum:GATED:SWEEp:MEASure:SElect

MeasureZero

SPECTrum:GATED:SWEEp:MEASure:SElect?

### **SPECTrum:GATED:SPAN:TIME**

Syntax: SPECTrum:GATED:SPAN:TIME

Parameter/Response: Current Minimum Time~200s

Description: You can set or query Span Time for Gated Sweep

Example:

SPECTrum:GATED:SPAN:TIME 1000 us

SPECTrum:GATED:SPAN:TIME?

### **SPECTrum:GATED:DELAy**

Syntax: SPECTrum:GATED:DELAy

Parameter/Response: 0 ~ Zero Span Time

Description: You can set or query Delay for Gated Sweep

Example:

SPECTrum:GATED:DELAy 100 us

SPECTrum:GATED:DELAy?

### **SPECTrum:GATED:DELAy:SECond**

Syntax: SPECTrum:GATED:DELAy:SECond

Parameter/Response: 0 - Zero Span Time

Description: You can set or query Delay for second Gated Sweep.

Example: SPECTrum:GATED:DELAy:SECond 100 us |

SPECTrum:GATED:DELAy:SECond?

### **SPECTrum:GATED:TRIGger:MODE**

Syntax: SPECTrum:GATED:TRIGger:MODE

Parameter/Response: Internal|External|GNSS

Example: SPECTrum:GATED:TRIGger:MODE External |

SPECTrum:GATED:TRIGger:MODE?

Description: You can set or query Trigger mode in Gated Sweep.

---

### **SPECTrum:GATEd:DUAL:WINDow:MODE**

Syntax: SPECTrum:GATEd:DUAL:WINDow:MODE

Parameter/Response: On|Off

Example: SPECTrum:GATEd:DUAL:WINDow:MODE Off |

SPECTrum:GATEd:DUAL:WINDow:MODE?

Description: You can set or query dual window mode in Gated Sweep.

### **SPECTrum:GATEd:LENGth**

Syntax: SPECTrum:GATEd:LENGth

Parameter/Response: 0~(Zero Span Time-Gate Delay)

Description: You can set or query Length for Gated Sweep

Example:

SPECTrum:GATEd:LENGth 100 us

SPECTrum:GATEd:LENGth?

### **SPECTrum:GATEd:PERIod**

Syntax: SPECTrum:GATEd:PERIod

Parameter/Response: 100 ~ 200000

Description: You can set or query Period for Gated Sweep

Example:

SPECTrum:GATEd:PERIod 200

SPECTrum:GATEd:PERIod?

### **SPECTrum:GATEd:PERIod:TYPE**

Syntax: SPECTrum:GATEd:PERIod:TYPE

Parameter/Response: {Standard|Manual}

Description: You can set or query Period Type for Gated Sweep

Example:

SPECTrum:GATEd:PERIod:TYPE Standard

SPECTrum:GATEd:PERIod:TYPE?

### **SPECTrum:GATEd:SIGNal**

Syntax: SPECTrum:GATEd:SIGNal

Parameter/Response: {GSM|WCDMA|LTE|EV-DO|TD-SCDMA|WiMAX|NR5G}

Description: You can set or query Std Signal for Gated Sweep

Example:

SPECTrum:GATEd:SIGNal GSM

SPECTrum:GATEd:SIGNal?

### **SPECTrum:GATEd:MARKer[1|2|3|4|5|6]:RESUlt:POWer**

Syntax: SPECTrum:GATEd:MARKer[1|2|3|4|5|6]:RESUlt:POWer

Parameter/Response: N/A

Description: You can query Marker Amplitude for Gated Sweep

---

Example: N/A

### **SPECTrum:GATEd:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer**

Syntax: SPECTrum:GATEd:MARKer[1|2|3|4|5|6]:DELTA:RESUlt:POWer

Parameter/Response: N/A

Description: You can query Delta Marker Amplitude for Gated Sweep

Example: N/A

### **SPECTrum:PMeter:FREQuencyREFerence:TYPE**

Syntax: SPECTrum:PMeter:REFerence:TYPE

Parameter/Response: Absolute | Relative

Example: SPECTrum:PMeter:REFerence:TYPE Relative

Description: You can set and query Display Mode for Internal Power Meter

### **SPECTrum:PMeter:FREQuency:SPAN**

Syntax: SPECTrum:PMeter: FREQuency:SPAN

Parameter/Response: Absolute | Relative

Example: SPECTrum:PMeter: FREQuency:SPAN?

Description: You can set and query span frequency for Internal Power Meter

### **SPECTrum:PMeter:MAXimum**

Syntax: SPECTrum:PMeter:MAXimum

Parameter/Response: -100 ~ 100

Example: SPECTrum:PMeter:MAXimum 99

Description: You can set and query Maximum power for Internal Power Meter

### **SPECTrum:PMeter:MAXimum:VSWR**

Syntax: SPECTrum:PMeter:MAXimum:VSWR

Parameter/Response: 0 ~ 100

Example: SPECTrum:PMeter:MAXimum:VSWR 99

Description: You can set and query Maximum VSWR for Internal Power Meter

### **SPECTrum:PMeter:MINimum**

Syntax: SPECTrum:PMeter:MINimum

Parameter/Response: -100 ~ 100

Example: SPECTrum:PMeter:MINimum 99

Description: You can set and query Minimum power for Internal Power Meter

### **SPECTrum:PMeter:MINimum:VSWR**

Syntax: SPECTrum:PMeter:MINimum:VSWR

Parameter/Response: 0 ~ 100

Example: SPECTrum:PMeter:MINimum:VSWR 99

---

Description: You can set and query Minimum VSWR for Internal Power Meter

#### **SPECTrum:PMeter:LIMit**

Syntax: SPECTrum:PMeter:LIMit

Parameter/Response: On | Off

Example: SPECTrum:PMeter:LIMit Off

Description: You can set and query Limit Mode for Internal Power Meter

#### **SPECTrum:PMeter:LOW:ABSolute**

Syntax: SPECTrum:PMeter:LOW:ABSolute

Parameter/Response: -100 ~ 100

Example: SPECTrum:PMeter:LOW:ABSolute 99

Description: You can set and query Low Limit for Absolute Power for Internal Power Meter

#### **SPECTrum:PMeter:LOW:RELative**

Syntax: SPECTrum:PMeter:LOW:RELative

Parameter/Response: -100 ~ 100

Example: SPECTrum:PMeter:LOW:RELative 99

Description: You can set and query Low Limit for Relative Power for Internal Power Meter

#### **SPECTrum:PMeter:HIGH:ABSolute**

Syntax: SPECTrum:PMeter:HIGH:ABSolute

Parameter/Response: -100 ~ 100

Example: SPECTrum:PMeter:HIGH:ABSolute 99

Description: You can set and query High Limit for Absolute Power for Internal Power Meter

#### **SPECTrum:PMeter:HIGH:RELative**

Syntax: SPECTrum:PMeter:HIGH:RELative

Parameter/Response: -100 ~ 100

Example: SPECTrum:PMeter:HIGH:RELative 99

Description: You can set and query High Limit for Relative Power for Internal Power Meter

#### **SPECTrum:PMeter:HIGH:VSWR**

Syntax: SPECTrum:PMeter:HIGH:VSWR

Parameter/Response: 0.0 ~ 100

Example: SPECTrum:PMeter:HIGH:VSWR 0.1

Description: You can set and query High Limit for VSWR for Internal Power Meter

---

### **SPECTrum:PMeter:LOW:VSWR**

Syntax: SPECTrum:PMeter:LOW:VSWR

Parameter/Response: 0.0 ~ 100

Example: SPECTrum:PMeter:LOW:VSWR 0.1

Description: You can set and query Low Limit for VSWR for Internal Power Meter

### **SPECTrum:PMeter:RESolution**

Syntax: SPECTrum:PMeter:RESolution

Parameter/Response: 0 | 1 | 2

Example: SPECTrum:PMeter:RESolution 1

Description: You can set and query Resolution for Internal Power Meter

### **SPECTrum:PMeter:ACCuracy**

Syntax: SPECTrum:PMeter:ACCuracy

Parameter/Response: Low | Middle | High

Example: SPECTrum:PMeter:ACCuracy High

Description: You can set and query Accuracy Mode for Internal Power Meter

### **SPECTrum:PMeter:RESult:TREND:AVERage**

Syntax: SPECTrum:PMeter:RESult:TREND:AVERage

Parameter/Response:

Example: SPECTrum:PMeter:RESult:TREND:AVERage?

Description: You can set and query trend data of Average Result for internal Power Meter

### **SPECTrum:PMeter:RESult:TREND:COUNt**

Syntax: SPECTrum:PMeter:RESult:TREND:COUNt

Parameter/Response:

Example: SPECTrum:PMeter:RESult:TREND:COUNt?

Description: You can set and query trend data of Count Result for Internal Power Meter

### **SPECTrum:PMeter:RESult:TREND:MAXium**

Syntax: SPECTrum:PMeter:RESult:TREND:MAXium

Parameter/Response:

Example: SPECTrum:PMeter:RESult:TREND:MAXium?

Description: You can set and query Trend data of Max Result for Internal Power Meter

### **SPECTrum:PMeter:RESult:TREND:MINimum**

Syntax: SPECTrum:PMeter:RESult:TREND:MINimum

---

Parameter/Response:

Example: `SPECTrum:PMeter:RESult:TREND:MINimum?`

Description: You can set and query trend data of Min Result for Internal Power Meter

#### **SPECTrum:PMeter:RESult:JUDGE**

Syntax: `SPECTrum:PMeter:RESult:JUDGE`

Parameter/Response:

Example: `SPECTrum:PMeter:RESult:JUDGE?`

Description: You can set and query trend data of Judge Result for Internal Power Meter

#### **SPECTrum:CALibration:FREQuency:START**

Syntax: `SPECTrum:CALibration:FREQuency:START`

Parameter/Response: N/A

Description: You can set or query Calibration start frequency for Calibration

Example:

`SPECTrum:CALibration:FREQuency:START 800Mhz`

`SPECTrum:CALibration:FREQuency:START?`

#### **SPECTrum:CALibration:FREQuency:STEP**

Syntax: `SPECTrum:CALibration:FREQuency:STEP`

Parameter/Response: N/A

Description: You can set or query Calibration step frequency for Calibration

Example:

`SPECTrum:CALibration:FREQuency:STEP 5MHz`

`SPECTrum:CALibration:FREQuency:STEP?`

#### **SPECTrum:CALibration:POINT:NUMBER**

Syntax: `SPECTrum:CALibration:POINT:NUMBER`

Parameter/Response: N/A

Description: You can set or query Calibration number of points for Calibration

Example:

`SPECTrum:CALibration:THREShold:LEVEL 60`

`SPECTrum:CALibration:THREShold:LEVEL?`

#### **SPECTrum:CALibration:THREShold:LEVEL**

Syntax: `SPECTrum:CALibration:THREShold:LEVEL`

Parameter/Response: N/A

Description: You can set or query Calibration threshold level for Calibration

Example:

`SPECTrum:CALibration:THREShold:LEVEL -20.4`

`SPECTrum:CALibration:THREShold:LEVEL?`



---

### **SPECTrum:CALibration:RESEt**

Syntax: SPECTrum:CALibration:RESEt

Parameter/Response: N/A

Description: You can set Calibration reset for Calibration

Example:

SPECTrum:CALibration:RESEt

### **SPECTrum:CALibration:TRACe:NUMBer**

Syntax: SPECTrum:CALibration:TRACe:NUMBer

Parameter/Response: N/A

Description: You can query Calibration number of trace for Calibration

Example:

SPECTrum:CALibration:TRACe:NUMBer?

### **SPECTrum:CALibration:TRACe:DATA**

Syntax: SPECTrum:CALibration:TRACe:DATA

Parameter/Response: {1.1,2.2,3.3,4.4.....}

Description: You can query Calibration trace data for Calibration

Example:

SPECTrum:CALibration:TRACe:DATA?

## **Interference Analyzer**

All commands related to spectrum measurements such as setting frequency, channel, Amp/Scale, BW/AVG, trace, Sweep and limit for Interference Analyzer are included in each section of *Spectrum Measurement Commands* in this document. Note that Interference analysis measurement commands are supported for ONA-800 SPA06MA except for Interference Analyzer Calibration related commands.

### **INTERference:GATEd:SPAN:TIME**

Syntax: INTERference:GATEd:SPAN:TIME

Parameter/Response: Current Minium Time - 200s

Example:

INTERference:GATEd:SPAN:TIME 1000 us

INTERference:GATEd:SPAN:TIME?

Description: You can set or query Gated Sweep Zero Span Time in Interference Analyzer.

### **INTERference:MSL:SET:ADD**

Syntax: INTERference:MSL:SET:ADD

Parameter/Response:

Example:

INTERference:MSL:SET:ADD

---

Description: You can add multi segment line in Interference Analyzer.

#### **INTERference:MSL:SET:AUTO**

Syntax: INTERference:MSL:SET:AUTO

Parameter/Response:

Example:

INTERference:MSL:SET:AUTO

Description: You can set auto multi segment line in Interference Analyzer.

#### **INTERference:MSL:SET:DELEte**

Syntax: INTERference:MSL:SET:DELEte

Parameter/Response:

Example:

INTERference:MSL:SET:DELEte

Description: You can delete multi segment line in Interference Analyzer.

### **Real-time Spectrum Analyzer**

All commands related to real-time spectrum measurements such as setting frequency, channel, Amp/Scale, BW/AVG, trace, Sweep and limit are included in each section of *Spectrum Measurement Commands* in this document. Note that real-time spectrum measurement commands are supported for ONA-800 SPA06MA except for Real-time Spectrum Calibration related commands.

#### **REALtime:PERSist:MODE**

Syntax: REALtime:PERSist:MODE

Parameter/Response: N/A

Description: You can set or query Persist mode for Persistent Spectrum in Real-time Analyzer.

Example:

REALtime:PERSist:MODE On

#### **REALtime:GATEd:SPAN:TIME**

Syntax: REALtime:GATEd:SPAN:TIME

Parameter/Response: Current Minium Time - 200s

Example:

REALtime:GATEd:SPAN:TIME 1000 us

REALtime:GATEd:SPAN:TIME?

Description: You can set or query Gated Sweep Zero Span Time in Real-time Analyzer.

#### **REALtime:MSL:SET:ADD**

Syntax: REALtime:MSL:SET:ADD

Parameter/Response:

Example:

---

`REALtime:MSL:SET:ADD`

Description: You can add multi segment line in Real-time Analyzer.

#### **REALtime:MSL:SET:AUTO**

Syntax: `REALtime:MSL:SET:AUTO`

Parameter/Response:

Example:

`REALtime:MSL:SET:AUTO`

Description: You can set auto multi segment line in Real-time Analyzer.

#### **REALtime:MSL:SET:DELEte**

Syntax: `REALtime:MSL:SET:DELEte`

Parameter/Response:

Example:

`REALtime:MSL:SET:DELEte`

Description: You can remove multi segment line in Real-time Analyzer.

#### **REALtime:POI**

Syntax: `REALtime:POI`

Parameter/Response: Normal|High

Example:

`REALtime:POI High | REALtime:POI?`

Description: You can select POI mode between Normal or High.

#### **REALtime:POI:SPEED**

Syntax: `REALtime:POI:SPEED`

Parameter/Response:

Example:

`REALtime:POI:SPEED?`

Description: You can query POI speed ( $\mu$ s).

### **5G TF Signal Analyzer**

Note that 5G TF signal analysis measurement commands are not supported for ONA-800 SPA06MA.

#### **TF5G:OTA:COMMon:BRS:TX:PERiod**

Syntax: `TF5G:OTA:COMMon:BRS:TX:PERiod`

Parameter/Response: {15ms|5ms|10ms|20ms|Auto}

Description: You can set or query common BRS Tx Period for OTA in 5GTF Beamforming Analyzer

Example:

`TF5G:OTA:COMMon:BRS:TX:PERiod 5ms`

`TF5G:OTA:COMMon:BRS:TX:PERiod?`

---

### **TF5G:OTA:COMMon:BEAM:INDeX**

Syntax: TF5G:OTA:COMMon:BEAM:INDeX

Parameter/Response: {symbolOrder|subframeRegion}

Description: You can set or query common Beam Index for OTA in 5GTF Beamforming Analyzer

Example:

TF5G:OTA:COMMon:BEAM:INDeX symbolOrder

TF5G:OTA:COMMon:BEAM:INDeX?

### **TF5G:OTA:COMMon:PCI:MODE**

Syntax: TF5G:OTA:COMMon:PCI:MODE

Parameter/Response: {Auto|Manual}

Description: You can set or query PCI Mode for OTA in 5GTF Beamforming Analyzer

Example:

TF5G:OTA:COMMon:PCI:MODE Auto

TF5G:OTA:COMMon:PCI:MODE?

### **TF5G:OTA:COMMon:PCI**

Syntax: TF5G:OTA:COMMon:PCI

Parameter/Response: 0 ~ 503

Description: You can set or query PCI for OTA in 5GTF Beamforming Analyzer

Example:

TF5G:OTA:COMMon:PCI 500

TF5G:OTA:COMMon:PCI?

### **TF5G:OTA:COMMon:BRSRP:TYPE**

Syntax: TF5G:OTA:COMMon:BRSRP:TYPE

Parameter/Response: {Cumulative|Average}

Description: You can set or query BRSRP Type for OTA in 5GTF Beamforming Analyzer

Example:

TF5G:OTA:COMMon:BRSRP:TYPE Cumulative

TF5G:OTA:COMMon:BRSRP:TYPE?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:CELL**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:CELL

Parameter/Response: N/A

Description: You can query Cell Id for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:CELL?

---

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:GROUp**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:GROUp

Parameter/Response: N/A

Description: You can query Cell Group for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:GROUp?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:SECTor**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:SECTor

Parameter/Response: N/A

Description: You can query Sector ID for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:SECTor?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:INDex**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:INDex

Parameter/Response: N/A

Description: You can query Beam Index for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:INDex?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ANTenna**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ANTenna

Parameter/Response: N/A

Description: You can query Antenna Port for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:ANTenna?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:SYMBol**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:SYMBol

Parameter/Response: N/A

Description: You can query Beam Symbol Index for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:SYMBol?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:DOMain:BRSRP**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:DOMain:BRSRP

Parameter/Response: N/A

Description: You can query Domain BRSRP for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:DOMain:BRSRP?

---

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:DOMain:PSS**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:DOMain:PSS

Parameter/Response: N/A

Description: You can query Domain PSS for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:DOMain:PSS?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:DOMain:SSS**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:DOMain:SSS

Parameter/Response: N/A

Description: You can query Domain SSS for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:DOMain:SSS?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ABSolute:BRSRP**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ABSolute:BRSRP

Parameter/Response: N/A

Description: You can query Absolute BRSRP for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:ABSolute:BRSRP?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ABSolute:PSS**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ABSolute:PSS

Parameter/Response: N/A

Description: You can query Absolute PSS for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:ABSolute:PSS?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ABSolute:SSS**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ABSolute:SSS

Parameter/Response: N/A

Description: You can query Absolute SSS for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:ABSolute:SSS?

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ABSolute:CHRSsi**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:ABSolute:CHRSsi

Parameter/Response: N/A

Description: You can query Absolute Channel Rssi for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:ABSolute:CHRS?

---

### **TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:RELative:BRSRQ**

Syntax: TF5G:OTA:BEAManalyzer:DATA[1|2|3|4|5|6|7|8]:RELative:BRSRQ

Parameter/Response: N/A

Description: You can query Relative BRSRQ for Beam Analyzer

Example:

TF5G:OTA:BEAManalyzer:DATA1:ABSolute:BRSRQ?

### **TF5G:OTA:BEAManalyzer:BRS:TX:PERIod:DET**

Syntax: TF5G:OTA:BEAManalyzer:BRS:TX:PERIod:DET

Parameter/Response: 0: < 5ms, 1: 5ms, 2:10ms, 3 20ms

Description: N/A

Example:

TF5G:OTA:BEAManalyzer:BRS:TX:PERIod:DET?

### **TF5G:OTA:CARrierscanner:FREQuency[1|2|3|4|5|6|7|8]:MODE**

Syntax: TF5G:OTA:CARrierscanner:FREQuency[1|2|3|4|5|6|7|8]:MODE

Parameter/Response: {On|Off}

Description: N/A

Example:

TF5G:OTA:CARrierscanner:FREQuency1:MODE On

TF5G:OTA:CARrierscanner:FREQuency1:MODE?

### **TF5G:OTA:CARrierscanner:FREQuency[1|2|3|4|5|6|7|8]:CENTer**

Syntax: TF5G:OTA:CARrierscanner:FREQuency[1|2|3|4|5|6|7|8]:CENTer

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Description: N/A

Example:

TF5G:OTA:CARrierscanner:FREQuency1:MODE On

TF5G:OTA:CARrierscanner:FREQuency1:MODE?

### **TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:CELL**

Syntax: TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:CELL

Parameter/Response: N/A

Description: You can query Cell Id for Carrier Scanner

Example:

TF5G:OTA:CARrierscanner:DATA1:CELL?

### **TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:INDex**

Syntax: TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:INDex

Parameter/Response: N/A

Description: You can query Beam Index for Carrier Scanner

Example:

TF5G:OTA:CARrierscanner:DATA1:INDex?

---

### **TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:CHPower**

Syntax: TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:CHPower

Parameter/Response: N/A

Description: You can query Channel Power for Carrier Scanner

Example:

TF5G:OTA:CARrierscanner:DATA1:CHPower?

### **TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:BRSRP**

Syntax: TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:BRSRP

Parameter/Response: N/A

Description: You can query BRSRP for Carrier Scanner

Example:

TF5G:OTA:CARrierscanner:DATA1:BRSRP?

### **TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:BRSEvm**

Syntax: TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:BRSEvm

Parameter/Response: N/A

Description: You can query BRS EVM for Carrier Scanner

Example:

TF5G:OTA:CARrierscanner:DATA1:BRSEvm?

### **TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:FERRor**

Syntax: TF5G:OTA:CARrierscanner:DATA[1|2|3|4|5|6|7|8]:FERRor

Parameter/Response: N/A

Description: You can query Frequency Error for Carrier Scanner

Example:

TF5G:OTA:CARrierscanner:DATA1:FERRor?

### **TF5G:OTA:CARrierscanner:BRS:TX:PERIod:DET**

Syntax: TF5G:OTA:CARrierscanner:BRS:TX:PERIod:DET

Parameter/Response: 0: < 5ms, 1: 5ms, 2:10ms, 3 20ms

Description: N/A

Example:

TF5G:OTA:CARrierscanner:BRS:TX:PERIod:DET?

### **TF5G:OTA:ROUTe:BRS:TX:PERIod:DET**

Syntax: TF5G:OTA:ROUTe:BRS:TX:PERIod:DET

Parameter/Response: 0: < 5ms, 1: 5ms, 2:10ms, 3 20ms

Description: N/A

Example:

TF5G:OTA:ROUTe:BRS:TX:PERIod:DET?

## **Channel Scanner**



---

All commands related to channel scanner spectrum measurements such as setting frequency, channel, Amp/Scale, BW/AVG, Sweep and limit are included in each section of *Spectrum Measurement Commands* in this document.

### **SCANner:ROUTemap:PLOTmode:MODE**

Syntax: SCANner:ROUTemap:PLOTmode:MODE

Parameter/Response: Start|Stop|Pause

Example: SCANner:ROUTemap:PLOTmode:MODE Start |  
SCANner:ROUTemap:PLOTmode:MODE?

Description: You can set and query Plot Mode in Scanner Route Map measurement

### **SCANner:ROUTemap:PLOTtype:TYPE**

Syntax: SCANner:ROUTemap:PLOTtype:TYPE

Parameter/Response: Position|GNSS|Time

Example: SCANner:ROUTemap:PLOTtype:TYPE GNSS |  
SCANner:ROUTemap:PLOTtype:TYPE?

Description: You can set and query Plot Type in Scanner Route Map measurement

### **SCANner:ROUTemap:SCALE:EXELent**

Syntax: SCANner:ROUTemap:SCALE:EXELent

Parameter/Response: -130.0 - 100.0 dBm

Example: SCANner:ROUTemap:SCALE:EXELent -50 |  
SCANner:ROUTemap:SCALE:EXELent?

Description: You can set and query excellent level for Route Map scale in Channel Scanner

### **SCANner:ROUTemap:SCALE:POOR**

Syntax: SCANner:ROUTemap:SCALE:POOR

Parameter/Response: -130.0 - 100.0 dBm

Example: SCANner:ROUTemap:SCALE:POOR -100 |  
SCANner:ROUTemap:SCALE:POOR?

Description: You can set and query poor level for Route Map scale in Channel Scanner

### **SCANner:ROUTemap:SCREen:TYPE**

Syntax: SCANner:ROUTemap:SCREen:TYPE

Parameter/Response: Map|Full

Example: SCANner:ROUTemap:SCREen:TYPE Map |  
SCANner:ROUTemap:SCREen:TYPE?

Description: You can set and query Screen Type in Channel Scanner Route Map

---

## Power Meter

Note that power meter measurement commands are not supported for ONA-800 SPA06MA.

### **PMeter:MEASure:RESet**

Syntax: PMeter:MEASure:RESet  
Parameter/Response: N/A  
Description: You can reset measure  
Example: N/A

### **PMeter:PORT:NTYPE:USE**

Syntax: PMeter:PORT:NTYPE:USE  
Parameter/Response:  
Example: PMeter:PORT:NTYPE:USE On  
Description: You can set N-Type Port to On or Off.

### **PMeter:AMPLitude:LINEarity**

Syntax: PMeter:AMPLitude:LINEarity  
Parameter/Response: Normal|High  
Example: PMeter:AMPLitude:LINEarity High  
Description: You can set Linearity mode to Normal or High.

### **PMeter:MEASure:INTernal:RBW**

Syntax: PMeter:MEASure:INTernal:RBW  
Parameter/Response: {3MHz|1MHz|300kHz|100kHz|30kHz|10kHz|3kHz|1kHz}  
Description: N/A  
Example:  
PMeter:MEASure:INTernal:RBW 300kHz  
PMeter:MEASure:INTernal:RBW?

### **PMeter:MEASure:INTernal:ACCuracy:MODE**

Syntax: PMeter:MEASure:INTernal:ACCuracy:MODE  
Parameter/Response: {Low|Middle|High}  
Description: N/A  
Example:  
PMeter:MEASure:INTernal:ACCuracy:MODE High  
PMeter:MEASure:INTernal:ACCuracy:MODE?

### **PMeter:MEASure:INTernal:AVERage**

Syntax: PMeter:MEASure:INTernal:AVERage  
Parameter/Response: 1 ~ 100  
Description: N/A  
Example:

---

PMeter:MEASure:INTernal:AVERage 55  
PMeter:MEASure:INTernal:AVERage?

#### **PMeter:MEASure:INTernal:RESult:TREND:AVERage**

Syntax: PMeter:MEASure:INTernal:RESult:TREND:AVERage  
Parameter/Response: N/A  
Description: N/A  
Example:  
PMeter:MEASure:INTernal:RESult:TREND:AVERage?

#### **PMeter:MEASure:INTernal:RESult:TREND:MAXium**

Syntax: PMeter:MEASure:INTernal:RESult:TREND:MAXium  
Parameter/Response: N/A  
Description: N/A  
Example:  
PMeter:MEASure:INTernal:RESult:TREND:MAXium?

#### **PMeter:MEASure:INTernal:RESult:TREND:MINimum**

Syntax: PMeter:MEASure:INTernal:RESult:TREND:MINimum  
Parameter/Response: N/A  
Description: N/A  
Example:  
PMeter:MEASure:INTernal:RESult:TREND:MINimum?

#### **PMeter:MEASure:INTernal:RESult:TREND:COUNt**

Syntax: PMeter:MEASure:INTernal:RESult:TREND:COUNt  
Parameter/Response: N/A  
Description: N/A  
Example:  
PMeter:MEASure:INTernal:RESult:TREND:COUNt?

#### **PMeter:MEASure:INTernal:RESult:JUDGe**

Syntax: PMeter:MEASure:INTernal:RESult:JUDGe  
Parameter/Response: N/A  
Description: N/A  
Example:  
PMeter:MEASure:INTernal:RESult:JUDGe?

## **System Information**

#### **SYSTem:VERSion**

Syntax: SYSTem:VERSion  
Parameter/Response: N/A

---

Description: N/A  
Example: N/A

## System Sense

### **SYSTem:SENSe:TEMPerature:CHANnel[1|2|3|4|5|6|7|8]**

Syntax: SYSTem:SENSe:TEMPerature:CHANnel[1|2|3|4|5|6|7|8]

Parameter/Response: N/A

Description:

Queries devices's temperature :

CH1:Mixer, CH2:DNC1, CH3:DNC2, CH4:DPB\_FPGA, CH5:DPB\_PW\_U31,  
CH6:DPB\_CENT, CH7:LOCAL\_MAX6581, CH8:DPB\_PW\_U46

Example:

SYSTem:SENSe:TEMPerature:CHANnel1?



**NOTE:**

The above command is not supported for ONA-800 SPA06MA at the moment.

## System Debugging

### **SYSTem:ERRor[:NEXT]?**

Syntax: SYSTem:ERRor[:NEXT]?

Parameter/Response: N/A

Description:

Queries the Error Queue returning the entry in the Error Queue.

For reset : \*CLS

Example: N/A

### **SYSTem:ERRor:COUNt?**

Syntax: SYSTem:ERRor:COUNt?

Parameter/Response: N/A

Description:

Queries the Error count in the Error Queue.

Example: N/A

## System Actions

### **SYSTem:SHUTDown**

Syntax: SYSTem:SHUTDown

Parameter/Response: N/A

Description: You can set System Shutown

Example: SYSTem:SHUTDown

---

### **SYSTem:REBoot**

Syntax: SYSTem:REBoot  
Parameter/Response: N/A  
Description: You can set Reboot system  
Example:  
SYSTem:REBoot

### **SYSTem:PRESet**

Syntax: SYSTem:PRESet  
Parameter/Response: N/A  
Description: You can Preset HetNet device  
Example:

### **SYSTem:SCREen:CAPTure**

Syntax: SYSTem:SCREen:CAPTure  
Parameter/Response: N/A  
Description: You can Execute screen capture by png format  
Example:  
SYSTem:SCREen:CAPTure

### **SYSTem:SCREen:READ**

Syntax: SYSTem:SCREen:READ  
Parameter/Response: N/A  
Description: You can query capturing image file  
Example:  
SYSTem:SCREen:READ?

### **SYSTem:SCREen:BINary**

Syntax: SYSTem:SCREen:BINary  
Parameter/Response: N/A  
Description: You can query capturing image binary.  
ref : IEEE 488.2-2004:7.7.6 <ARBITRARY BLOCK PROGRAM DATA>  
Example:  
SYSTem:SCREen:BINary?

### **SYSTem:SCREen:MOVE**

Syntax: SYSTem:SCREen:MOVE  
Parameter/Response: {SYSINFO|SYSSET|SYSGLO}  
Description:  
Note. If you send the same parameter twice, the screen closes.  
Example:  
SYSTem:SCREen:MOVE SYSINFO

---

### **SYSTem:GNSS:LOGitude**

Syntax: SYSTem:GNSS:LOGitude

Parameter/Response:

Description: You can set GNSS Longitude information

Example:N/A

### **SYSTem:GNSS:LATitud**

Syntax: SYSTem:GNSS:LATitud

Parameter/Response:

Description: You can set GNSS Latitude information

Example:N/A

### **SYSTem:GNSS:STATus?**

Syntax: SYSTem:GNSS:STATus?

Parameter/Response:

Description: You can query GNSS status whether it is locked or not

Example:N/A

## **System Configuration**

### **SYSTem:CONFigure:TIME:TIMEZone**

Syntax: SYSTem:CONFigure:TIME:TIMEZone

Parameter/Response: N/A

Description: N/A

Example: N/A

### **SYSTem:CONFigure:TIME:DATE**

Syntax: SYSTem:CONFigure:TIME:DATE

Parameter/Response: N/A

Description: N/A

Example: N/A

### **SYSTem:CONFigure:SURFace:LANGuage**

Syntax: SYSTem:CONFigure:SURFace:LANGuage

Parameter/Response: {ENGLISH|CHINESE}

Description: N/A

Example:

SYSTem:CONFigure:SURFace:LANGuage ENGLISH

SYSTem:CONFigure:SURFace:LANGuage?

### **SYSTem:CONFigure:ETHernet:IPV4:MODE**

Syntax: SYSTem:CONFigure:ETHernet:IPV4:MODE

---

Parameter/Response: N/A  
Description: N/A  
Example: N/A

#### **SYSTem:CONFigure:ETHernet:IPV6:MODE**

Syntax: SYSTem:CONFigure:ETHernet:IPV6:MODE  
Parameter/Response: N/A  
Description: N/A  
Example: N/A

#### **SYSTem:CONFigure:REMOTe:LAN**

Syntax: SYSTem:CONFigure:REMOTe:LAN  
Parameter/Response: N/A  
Description: N/A  
Example: N/A

#### **SYSTem:CONFigure:REMOTe:USB**

Syntax: SYSTem:CONFigure:REMOTe:USB  
Parameter/Response: N/A  
Description: N/A  
Example: N/A

### **HW Configuration (for Calibration)**

#### **HW:SOURce:CLOCK:SElect**

Syntax: HW:SOURce:CLOCK:SElect  
Parameter/Response: 0 ~ 4  
Description: ( 0:INT, 1:EXT\_10M, 2:EXT\_13M, 3:EXT\_15M, 4:GNSS )  
Example:  
HW:SOURce:CLOCK:SElect 1

## **5G NR Signal Analysis Commands**

The commands described in this section concern the functions accessible to configure NR measurements. All the commands are functions accessible with the Quick Access and Display tab key of the instrument.

#### **NR5G:HW:SOURce:CLOCK:SElect**

Syntax: NR5G:HW:SOURce:CLOCK:SElect  
Parameter/Response: External | Internal | GNSS  
Description: You can set frequency reference from External, Internal, or GNSS in 5G NR Signal Analyzer

---

Example:

### **NR5G:SORT**

Syntax: NR5G:SORT

Parameter/Response: [RSRP | PCI]

Example: NR5G:SORT RSRP

Description: You can sort PCI or RSRP in 5G NR Signal Analyzer

### **NR5G:PORT:NTYPE:USE**

Syntax: NR5G:PORT:NTYPE:USE

Parameter/Response:

Example: NR5G:PORT:NTYPE:USE On

Description: You can set N-Type Port to on or off in 5G NR Signal Analyzer

### **NR5G:GNSS:MODE**

Syntax: NR5G:GNSS:MODE

Parameter/Response: UTC|UTC2000|UTC3000|UTC5000

Example: NR5G:GNSS:MODE UTC2000 | NR5G:GNSS:MODE?

Description: You can set GNSS Trigger mode in 5G NR Signal Analyzer

### **NR5G:TEW**

Syntax: NR5G:TEW

Parameter/Response: SSBPeriodicity|Frame|HalfFrame

Example: NR5G:TEW Frame

Description: You can set Time Error Window in 5G NR Signal Analyzer.

### **NR5G:CONStellation:JUDGE**

Syntax: NR5G:CONStellation:JUDGE

Parameter/Response: N/A

Description: You can query pass or fail for constellation in 5G NR Signal Analyzer

Example:

NR5G:CONStellation:JUDGE?

### **NR5G:BEAManalyzer:JUDGE**

Syntax: NR5G:BEAManalyzer:JUDGE

Parameter/Response: N/A

Description: You can query pass or fail for Beam analyzer in 5G NR Signal Analyzer

Example:

NR5G:BEAManalyzer:JUDGE?



---

### **NR5G:ROUTe:PSRSRP**

Syntax: NR5G:ROUTe:PSRSRP

Parameter/Response: N/A

Description: You can query PSRSRP for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:PSRSRP?

### **NR5G:ROUTe:SSRSRP**

Syntax: NR5G:ROUTe:SSRSRP

Parameter/Response: N/A

Description: You can query SSRSRP for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:SSRSRP?

### **NR5G:CHPower:JUDGe**

Syntax: NR5G:CHPower:JUDGe

Parameter/Response: N/A

Description: You can judge pass or fail for Channel Power in 5GNR Signal Analyzer

Example:

NR5G:CHPower:JUDGe?

### **NR5G:CHPower:CHPower**

Syntax: NR5G:CHPower:CHPower

Parameter/Response: N/A

Description: N/A

Example:

NR5G:CHPower:CHPower?

### **NR5G:SPECTrum:AVERage:CURRent**

Syntax: NR5G:SPECTrum:AVERage:CURRent

Parameter/Response: N/A

Description: You can query current Average number for Spectrum measurement in 5GNR Signal Analyzer

Example:

NR5G:SPECTrum:AVERage:CURRent?

### **NR5G:CHPower:AVERage:CURRent**

Syntax: NR5G:CHPower:AVERage:CURRent

Parameter/Response: N/A

Description: You can query current Average number for Channel Power measurement in 5GNR Signal Analyzer

Example:

---

NR5G:CHPower:AVERage:CURRent?

#### **NR5G:OBWidth:AVERage:CURRent**

Syntax: NR5G:CHPower:AVERage:CURRent

Parameter/Response: N/A

Description: You can query current Average number for Occupied bandwidth in 5GNR Signal Analyzer

Example:

NR5G:OBWidth:AVERage:CURRent?

#### **NR5G:ACLR:AVERage:CURRent**

Syntax: NR5G:ACLR:AVERage:CURRent

Parameter/Response: N/A

Description: You can query current Average number for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:AVERage:CURRent?

#### **NR5G:SEM:AVERage:CURRent**

Syntax: NR5G:SEM:AVERage:CURRent

Parameter/Response: N/A

Description: You can query current Average number for SEM in 5GNR Signal Analyzer

Example:

NR5G:SEM:AVERage:CURRent?

#### **NR5G:BEAManalyzer:DMRS#**

Syntax: NR5G:BEAManalyzer:DMRS#

Parameter/Response: N/A

Description: You can query DM-RS number for Beam analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:DMRS1?

#### **NR5G:BEAManalyzer:DMRS:DATA**

Syntax: NR5G:BEAManalyzer:DMRS:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:DMRS:DATA?

Description: You can query DM-RS for Beam analyzer in 5GNR Signal Analyzer

#### **NR5G:CARrierscanner:DMRS#**

Syntax: NR5G:CARrierscanner:DMRS#

Parameter/Response: N/A

---

Description: You can query DMRS number for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:DMRS1?

#### **NR5G:CARrierscanner:HFI#**

Syntax: NR5G:CARrierscanner:HFI#

Parameter/Response:

Example: NR5G:CARrierscanner:HFI1?

Description: You can query Half Frame Index for Carrier Scanner in 5GNR Signal Analyzer

#### **NR5G:CARrierscanner:MCC#**

Syntax: NR5G:CARrierscanner:MCC#

Parameter/Response:

Example: NR5G:CARrierscanner:MCC1?

Description: You can query MCC# for Carrier Scanner in 5GNR Signal Analyzer

#### **NR5G:CARrierscanner:MNC#**

Syntax: NR5G:CARrierscanner:MNC#

Parameter/Response:

Example: NR5G:CARrierscanner:MNC1?

Description: You can query MNC# for Carrier Scanner in 5GNR Signal Analyzer

#### **NR5G:CARrierscanner:NCI#**

Syntax: NR5G:CARrierscanner:NCI#

Parameter/Response:

Example: NR5G:CARrierscanner:NCI1?

Description: You can query NCI# for Carrier Scanner in 5GNR Signal Analyzer

#### **NR5G:CARrierscanner:GSCN#**

Syntax: NR5G:CARrierscanner:GSCN#

Parameter/Response:

Example: NR5G:CARrierscanner:GSCN1 2386

Description: You can set the carrier GSCN number for Carrier Scanner in 5GNR Signal Analyzer

#### **NR5G:CARrierscanner:CHANnel:NUM#**

Syntax: NR5G:CARrierscanner:CHANnel:NUM#

Parameter/Response:

Example: NR5G:CARrierscanner:CHANnel:NUM1 1

Description: You can query Channel Number for Carrier Scanner in 5GNR Signal Analyzer

---

### **NR5G:CARrierscanner:CHANnel#:STANdard**

Syntax: NR5G:CARrierscanner:CHANnel#:STANdard

Parameter/Response:

Example: NR5G:CARrierscanner:CHANnel1:STANdard 700

Description: You can set Channel Number Standard for Carrier Scanner in 5GNR Signal Analyzer

### **NR5G:CARrierscanner:CHANnel:STEP#**

Syntax: NR5G:CARrierscanner:CHANnel:STEP#

Parameter/Response:

Example: NR5G:CARrierscanner:CHANnel:STEP1 1

Description: You can query Channel Step number for Carrier Scanner in 5GNR Signal Analyzer

### **NR5G:CARrierscanner:CAPSSRSRP#**

Syntax: NR5G:CARrierscanner:CAPSSRSRP#

Parameter/Response:

Example: NR5G:CARrierscanner:CAPSSRSRP1?

Description: You can query P-SS RSRP number for Carrier Scanner in 5GNR Signal Analyzer

### **NR5G:ROUTe:DMRS#**

Syntax: NR5G:ROUTe:DMRS#

Parameter/Response: N/A

Description: You can query DMRS for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:DMRS1?

### **NR5G:BEAManalyzer:PBCH#**

Syntax: NR5G:BEAManalyzer:PBCH#

Parameter/Response: N/A

Description: You can query PBCH for Beam analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:PBCH1?

### **NR5G:BEAManalyzer:PBCH:DATA**

Syntax: NR5G:BEAManalyzer:PBCH:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:PBCH:DATA?

Description: You can query PBCH Index in Beam Analyzer in 5GNR Signal Analyzer

---

### **NR5G:BEAManalyzer:PBCH:DMRSRSRP:EVM:DATA**

Syntax: NR5G:BEAManalyzer:PBCH:DMRSRSRP:EVM:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:PBCH:DMRSRSRP:EVM:DATA?

Description: You can query PBCH DM-RS RSRP EVM in Beam Analyzer in 5GNR Signal Analyzer

### **NR5G:BEAManalyzer:PBCH:DMRSRSRP:POWer:DATA**

Syntax: NR5G:BEAManalyzer:PBCH:DMRSRSRP:POWer:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:PBCH:DMRSRSRP:POWer:DATA?

Description: You can query PBCH DM-RS RSRP Power in Beam Analyzer in 5GNR Signal Analyzer

### **NR5G:CARrierscanner:PBCH#**

Syntax: NR5G:CARrierscanner:PBCH#

Parameter/Response: N/A

Description: You can query PBCH for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:PBCH1?

### **NR5G:ROUTe:PBCH#**

Syntax: NR5G:ROUTe:PBCH#

Parameter/Response: N/A

Description: You can query PBCH for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:PBCH1?

### **NR5G:BEAManalyzer:SSBIndex#**

Syntax: NR5G:BEAManalyzer:SSBIndex#

Parameter/Response: N/A

Description: You can query SSB Index number for Beam analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:SSBIndex1?

### **NR5G:BEAManalyzer:SSBIndex:DATA**

Syntax: NR5G:BEAManalyzer:SSBIndex:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:SSBIndex:DATA?

Description: You can query SSB Index for Beam analyzer in 5GNR Signal Analyzer

---

### **NR5G:CARrierscanner:SSBIndex#**

Syntax: NR5G:CARrierscanner:SSBIndex#

Parameter/Response: N/A

Description: You can query SSB Index for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:SSBIndex1?

### **NR5G:ROUTe:SSBIndex#**

Syntax: NR5G:ROUTe:SSBIndex#

Parameter/Response: N/A

Description: You can query SSB Index for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:SSBIndex1?

### **NR5G:CARrierscanner:CADMRS#**

Syntax: NR5G:CARrierscanner:CADMRS#

Parameter/Response: N/A

Description: You can query CADMRS for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:CADMRS1?

### **NR5G:CARrierscanner:CAPBCH#**

Syntax: NR5G:CARrierscanner:CAPBCH#

Parameter/Response: N/A

Description: You can query CAPBCH for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:CAPBCH1?

### **NR5G:CARrierscanner:CASSBIndex#**

Syntax: NR5G:CARrierscanner:CASSBIndex#

Parameter/Response: N/A

Description: You can query CASSB Index for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:CASSBIndex1?

### **NR5G:CARrierscanner:CAGID#**

Syntax: NR5G:CARrierscanner:CAGID#

Parameter/Response: N/A

Description: You can query CAGID for Carrier Scanner in 5GNR Signal Analyzer

---

Example:  
NR5G:CARrierscanner:CAGID1?

#### **NR5G:CARrierscanner:CAPCI#**

Syntax: NR5G:CARrierscanner:CAPCI#  
Parameter/Response: N/A  
Description: You can query CAPCI for Carrier Scanner in 5GNR Signal Analyzer  
Example:  
NR5G:CARrierscanner:CAPCI1?

#### **NR5G:CARrierscanner:CASID#**

Syntax: NR5G:CARrierscanner:CASID#  
Parameter/Response: N/A  
Description: You can query CASID for Carrier Scanner in 5GNR Signal Analyzer  
Example:  
NR5G:CARrierscanner:CASID1?

#### **NR5G:SPECTrum:SCS:DATA**

Syntax: NR5G:SPECTrum:SCS:DATA  
Parameter/Response: N/A  
Description: You can query SCS Data for Spectrum measurement in 5GNR Signal Analyzer  
Example:  
NR5G:SPECTrum:SCS:DATA?

#### **NR5G:CHPower:SCS:DATA**

Syntax: NR5G:CHPower:SCS:DATA  
Parameter/Response: N/A  
Description: You can query SCS Data for Channel Power measurement in 5GNR Signal Analyzer  
Example:  
NR5G:CHPower:SCS:DATA?

#### **NR5G:OBWidth:SCS:DATA**

Syntax: NR5G:OBWidth:SCS:DATA  
Parameter/Response: N/A  
Description: You can query SCS Data for Occupied Bandwidth measurement in 5GNR Signal Analyzer  
Example:  
NR5G:OBWidth:SCS:DATA?

#### **NR5G:ACLR:SCS:DATA**

Syntax: NR5G:ACLR:SCS:DATA  
Parameter/Response: N/A

---

Description: You can query SCS Data for ACLR measurement in 5GNR Signal Analyzer

Example:

NR5G:ACLR:SCS:DATA?

### **NR5G:SEM:SCS:DATA**

Syntax: NR5G:SEM:SCS:DATA

Parameter/Response: N/A

Description: You can query SCS Data for SEM measurement in 5GNR Signal Analyzer

Example:

NR5G:SEM:SCS:DATA?

### **NR5G:CONStellation:SCS:DATA**

Syntax: NR5G:CONStellation:SCS:DATA

Parameter/Response: N/A

Description: You can query SCS Data for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:SCS:DATA?

### **NR5G:BEAManalyzer:SCS:DATA**

Syntax: NR5G:BEAManalyzer:SCS:DATA

Parameter/Response: N/A

Description: You can query SCS Data for Beam Analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:SCS:DATA?

### **NR5G:CARrierscanner:SCS:DATA**

Syntax: NR5G:CARrierscanner:SCS:DATA

Parameter/Response: N/A

Description: You can query SCS Data for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:SCS:DATA?

### **NR5G:CARrierscanner:SSBBlockpattern#**

Syntax: NR5G:CARrierscanner:SSBBlockpattern#

Parameter/Response: [None | CaseA | CaseB | CaseC | CaseD | CaseE]

Example: NR5G:CARrierscanner:SSBBlockpattern1 CaseA

Description: You can sett SCS Block Pattern for Carrier Scanner in 5GNR Signal Analyzer



---

### **NR5G:CARrierscanner:RSRP:CADMRS#**

Syntax: NR5G:CARrierscanner:RSRP:CADMRS#

Parameter/Response:

Example: NR5G:CARrierscanner:RSRP:CADMRS1?

Description: You can query PBCH DM-RS RSRP for Carrier Scanner in 5GNR Signal Analyzer

### **NR5G:ROUTe:SCS:DATA**

Syntax: NR5G:ROUTe:SCS:DATA

Parameter/Response: N/A

Description: You can query SCS Data for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:SCS:DATA?

### **NR5G:PVSTSymbol:SCS:DATA**

Syntax: NR5G:PVSTSymbol:SCS:DATA

Parameter/Response: N/A

Description: You can query SCS Data for PVST Symbol in 5GNR Signal Analyzer

Example:

NR5G:PVSTSymbol:SCS:DATA?

### **NR5G:PVSTFrame:SCS:DATA**

Syntax: NR5G:PVSTFrame:SCS:DATA

Parameter/Response: N/A

Description: You can query SCS Data for PVST Frame in 5GNR Signal Analyzer

Example:

NR5G:PVSTFrame:SCS:DATA?

### **NR5G:PVSTFrame:FRAMEPower?**

Syntax: NR5G:PVSTFrame:FRAMEPower?

Parameter/Response: N/A

Description: You can query Frame Power for PVST Frame in 5GNR Signal Analyzer

Example:

NR5G:PVSTFrame:FRAMEPower?

### **NR5G:PVSTFrame:SLOTPower**

Syntax: NR5G:PVSTFrame:SLOTPower

Parameter/Response:

Example: NR5G:PVSTFrame:SLOTPower?

Description: You can query Slot Power for PVST Frame in 5GNR Signal Analyzer

---

### **NR5G:PVSTFrame:ERRor:TIME**

Syntax: NR5G:PVSTFrame:ERRor:TIME

Parameter/Response:

Example: NR5G:PVSTFrame:ERRor:TIME?

Description: You can query Time Error for PVST Frame in 5GNR Signal Analyzer

### **NR5G:PVSTFrame:IQ:ORIGin:OFFSet**

Syntax: NR5G:PVSTFrame:IQ:ORIGin:OFFSet

Parameter/Response:

Example: NR5G:PVSTFrame:IQ:ORIGin:OFFSet?

Description: You can query IQ Origin Offset for PVST Frame in 5GNR Signal Analyzer

### **NR5G:CONStellation:DATASCS**

Syntax: NR5G:CONStellation:DATASCS

Parameter/Response: N/A

Description: You can query DataSCS for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:DATASCS?

### **NR5G:BEAManalyzer:GID#**

Syntax: NR5G:BEAManalyzer:GID#

Parameter/Response: N/A

Description: You can query GID number for Beam Analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:GID1?

### **NR5G:BEAManalyzer:GID:DATA**

Syntax: NR5G:BEAManalyzer:GID:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:GID:DATA?

Description: You can query Group ID for Beam Analyzer in 5GNR Signal Analyzer

Example: NR5G:BEAManalyzer:GID:DATA?

### **NR5G:CARrierscanner:GID#**

Syntax: NR5G:CARrierscanner:GID#

Parameter/Response: N/A

Description: You can query GID number for Carrierscanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:GID1?

---

### **NR5G:ROUTe:GID#**

Syntax: NR5G:ROUTe:GID#

Parameter/Response: N/A

Description: You can query GID number for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:GID1?

### **NR5G:SPECTrum:L**

Syntax: NR5G:SPECTrum:L

Parameter/Response: N/A

Description: You can query Lmax for Spectrum measurement in 5GNR Signal Analyzer

Example:

NR5G:SPECTrum:L?

### **NR5G:CHPower:L**

Syntax: NR5G:CHPower:L

Parameter/Response: N/A

Description: You can query Lmax for Channel Power in 5GNR Signal Analyzer

Example:

NR5G:CHPower:L?

### **NR5G:OBWidth:L**

Syntax: NR5G:OBWidth:L

Parameter/Response: N/A

Description: You can query Lmax for OBW in 5GNR Signal Analyzer

Example:

NR5G:OBWidth:L?

### **NR5G:ACLR:L**

Syntax: NR5G:ACLR:L

Parameter/Response: N/A

Description: You can query Lmax for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:L?

### **NR5G:SEM:L**

Syntax: NR5G:SEM:L

Parameter/Response: N/A

Description: You can query Lmax for SEM in 5GNR Signal Analyzer

Example:

NR5G:SEM:L?

---

### **NR5G:CONStellation:L**

Syntax: NR5G:CONStellation:L

Parameter/Response: N/A

Description: You can query Lmax for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:L?

### **NR5G:BEAManalyzer:L**

Syntax: NR5G:BEAManalyzer:L

Parameter/Response: N/A

Description: You can query Lmax for BEAM analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:L?

### **NR5G:CARrierscanner:L**

Syntax: NR5G:CARrierscanner:L

Parameter/Response: N/A

Description: You can query Lmax for Carrierscanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:L?

### **NR5G:ROUte:L**

Syntax: NR5G:ROUte:L

Parameter/Response: N/A

Description: You can query Lmax for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUte:L?

### **NR5G:PVSTSymbol:L**

Syntax: NR5G:PVSTSymbol:L

Parameter/Response: N/A

Description: You can query Lmax for PVST Symbol in 5GNR Signal Analyzer

Example:

NR5G:PVSTSymbol:L?

### **NR5G:PVSTFrame:L**

Syntax: NR5G:PVSTFrame:L

Parameter/Response: N/A

Description: You can query Lmax for PVST Frame in 5GNR Signal Analyzer

Example:

NR5G:PVSTFrame:L?

---

### **NR5G:SPECTrum:PCI**

Syntax: NR5G:SPECTrum:PCI

Parameter/Response: N/A

Description: You can query PCI for Spectrum measurement in 5GNR Signal Analyzer

Example:

NR5G:SPECTrum:PCI?

### **NR5G:CHPower:PCI**

Syntax: NR5G:CHPower:PCI

Parameter/Response: N/A

Description: You can query PCI for Channel Power measurement in 5GNR Signal Analyzer

Example:

NR5G:CHPower:PCI?

### **NR5G:CHPower:NORMal:EIRP**

Syntax: NR5G:CHPower:NORMal:EIRP

Parameter/Response:

Example: NR5G:CHPower:NORMal:EIRP?

Description: You can query Normal EIRP for Channel Power in 5G NR Signal Analyzer

### **NR5G:CHPower:PEAK:EIRP**

Syntax: NR5G:CHPower:PEAK:EIRP

Parameter/Response:

Example: NR5G:CHPower:PEAK:EIRP?

Description: You can query EIRP Peak for Channel Power in 5G NR Signal Analyzer

### **NR5G:CHPower:PEAK:EIRP1**

Syntax: NR5G:CHPower:PEAK:EIRP1

Parameter/Response:

Example: NR5G:CHPower:PEAK:EIRP1?

Description: You can query EIRP1 Peak for Channel Power in 5G NR Signal Analyzer

### **NR5G:CHPower:PEAK:EIRP2**

Syntax: NR5G:CHPower:PEAK:EIRP2

Parameter/Response:

Example: NR5G:CHPower:PEAK:EIRP2?

Description: You can query EIRP2 Peak for Channel Power in 5G NR Signal Analyzer

---

### **NR5G:CHPower:PEAK:SUM**

Syntax: NR5G:CHPower:PEAK:SUM

Parameter/Response:

Example: NR5G:CHPower:PEAK:SUM?

Description: You can query Peak Sum for Channel Power in 5G NR Signal Analyzer

### **NR5G:OBWidth:PCI**

Syntax: NR5G:OBWidth:PCI

Parameter/Response: N/A

Description: You can query PCI for OBW measurement in 5GNR Signal Analyzer

Example:

NR5G:OBWidth:PCI?

### **NR5G:ACLR:PCI**

Syntax: NR5G:ACLR:PCI

Parameter/Response: N/A

Description: You can query PCI for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:PCI?

### **NR5G:SEM:PCI**

Syntax: NR5G:SEM:PCI

Parameter/Response: N/A

Description: You can query PCI for SEM in 5GNR Signal Analyzer

Example:

NR5G:SEM:PCI?

### **NR5G:BEAManalyzer:PCI**

Syntax: NR5G:BEAManalyzer:PCI

Parameter/Response: N/A

Description: You can query PCI for BEAM analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:PCI?

### **NR5G:CARrierscanner:PCI**

Syntax: NR5G:CARrierscanner:PCI

Parameter/Response: N/A

Description: You can query PCI for Carrier scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:PCI?

---

### **NR5G:ROUTe:PCI**

Syntax: NR5G:ROUTe:PCI

Parameter/Response: N/A

Description: You can query PCI for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:PCI?

### **NR5G:PVSTSymbol:PCI**

Syntax: NR5G:PVSTSymbol:PCI

Parameter/Response: N/A

Description: You can query PCI for PVST Symbol in 5GNR Signal Analyzer

Example:

NR5G:PVSTSymbol:PCI?

### **NR5G:PVSTFrame:PCI**

Syntax: NR5G:PVSTFrame:PCI

Parameter/Response: N/A

Description: You can query PCI for PVST Frame in 5GNR Signal Analyzer

Example:

NR5G:PVSTFrame:PCI?

### **NR5G:CONStellation:PCI**

Syntax: NR5G:CONStellation:PCI

Parameter/Response: N/A

Description: You can query PCI for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:PCI?

### **NR5G:BEAManalyzer:PCI#**

Syntax: NR5G:BEAManalyzer:PCI#

Parameter/Response: N/A

Description: You can query PCI number of each carrier for BEAM analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:PCI1?

### **NR5G:BEAManalyzer:PCI:DATA**

Syntax: NR5G:BEAManalyzer:PCI:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:PCI:DATA?

Description: You can query PCI for Beam Analyzer in 5GNR Signal Analyzer

---

### **NR5G:CARrierscanner:PCI#**

Syntax: NR5G:CARrierscanner:PCI#

Parameter/Response: N/A

Description: You can query PCI number of each carrier for Carrier scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:PCI1?

### **NR5G:ROUTe:PCI#**

Syntax: NR5G:ROUTe:PCI#

Parameter/Response: N/A

Description: You can query PCI number of each carrier for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:PCI1?

### **NR5G:CONStellation:SSBIndex**

Syntax: NR5G:CONStellation:SSBIndex

Parameter/Response: N/A

Description: You can query SSBIndex for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:SSBIndex?

### **NR5G:BEAManalyzer:SID#**

Syntax: NR5G:BEAManalyzer:SID#

Parameter/Response: N/A

Description: You can query SID number of each carrier for Beam Analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:SID1?

### **NR5G:BEAManalyzer:SID:DATA**

Syntax: NR5G:BEAManalyzer:SID:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:SID:DATA?

Description: You can query Sector ID for Beam Analyzer in 5GNR Signal Analyzer

### **NR5G:CARrierscanner:SID#**

Syntax: NR5G:CARrierscanner:SID#

Parameter/Response: N/A

Description: You can query SID number of each carrier for Carrier scanner in 5GNR Signal Analyzer



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Example:  
NR5G:CARrierscanner:SID?1

### **NR5G:ROUTe:SID#**

Syntax: NR5G:ROUTe:SID#  
Parameter/Response: N/A  
Description: You can query SID number of each plot for Route map in 5GNR Signal Analyzer  
Example:  
NR5G:ROUTe:SID1?

### **NR5G:SPECTrum:SCS:SSB**

Syntax: NR5G:SPECTrum:SCS:SSB  
Parameter/Response: N/A  
Description: You can query SS Block for Spectrum measurement in 5GNR Signal Analyzer  
Example:  
NR5G:SPECTrum:SCS:SSB?

### **NR5G:CHPower:SCS:SSB**

Syntax: NR5G:CHPower:SCS:SSB  
Parameter/Response: N/A  
Description: You can query SS Block for Channel Power measurement in 5GNR Signal Analyzer  
Example:  
NR5G:CHPower:SCS:SSB?

### **NR5G:OBWidth:SCS:SSB**

Syntax: NR5G:OBWidth:SCS:SSB  
Parameter/Response: N/A  
Description: You can query SS Block for Occupied Bandwidth in 5GNR Signal Analyzer  
  
Example:  
NR5G:OBWidth:SCS:SSB?

### **NR5G:ACLR:SCS:SSB**

Syntax: NR5G:ACLR:SCS:SSB  
Parameter/Response: N/A  
Description: You can query SS Block for ACLR in 5GNR Signal Analyzer  
Example:  
NR5G:ACLR:SCS:SSB?

---

### **NR5G:SEM:SCS:SSB**

Syntax: NR5G:SEM:SCS:SSB

Parameter/Response: N/A

Description: You can query SS Block for SEM in 5GNR Signal Analyzer

Example:

NR5G:SEM:SCS:SSB?

### **NR5G:CONStellation:SCS:SSB**

Syntax: NR5G:CONStellation:SCS:SSB

Parameter/Response: N/A

Description: You can query SS Block for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:SCS:SSB?

### **NR5G:BEAManalyzer:SCS:SSB**

Syntax: NR5G:BEAManalyzer:SCS:SSB

Parameter/Response: N/A

Description: You can query SS Block for BEAM analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:SCS:SSB?

### **NR5G:CARrierscanner:SCS:SSB**

Syntax: NR5G:CARrierscanner:SCS:SSB

Parameter/Response: N/A

Description: You can query SS Block for Carrier scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:SCS:SSB?

### **NR5G:ROUTe:SCS:SSB**

Syntax: NR5G:ROUTe:SCS:SSB

Parameter/Response: N/A

Description: You can query SS Block for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:SCS:SSB?

### **NR5G:PVSTSymbol:SCS:SSB**

Syntax: NR5G:PVSTSymbol:SCS:SSB

Parameter/Response: N/A

Description: You can query SS Block for PVST Symbol in 5GNR Signal Analyzer

Example:

NR5G:PVSTSymbol:SCS:SSB?

---

### **NR5G:PVSTFrame:SCS:SSB**

Syntax: NR5G:PVSTFrame:SCS:SSB

Parameter/Response: N/A

Description: You can query SS Block for PVST Frame in 5GNR Signal Analyzer

Example:

NR5G:PVSTFrame:SCS:SSB?

### **NR5G:SPECTrum:SRO**

Syntax: NR5G:SPECTrum:SRO

Parameter/Response: N/A

Description: You can query SRO for Spectrum measurement in 5GNR Signal Analyzer

Example:

NR5G:SPECTrum:SRO?

### **NR5G:CHPower:SRO**

Syntax: NR5G:CHPower:SRO

Parameter/Response: N/A

Description: You can query SRO for Channel Power measurement in 5GNR Signal Analyzer

Example:

NR5G:CHPower:SRO?

### **NR5G:OBWidth:SRO**

Syntax: NR5G:OBWidth:SRO

Parameter/Response: N/A

Description: You can query SRO for OBW measurement in 5GNR Signal Analyzer

Example:

NR5G:OBWidth:SRO?

### **NR5G:ACLR:SRO**

Syntax: NR5G:ACLR:SRO

Parameter/Response: N/A

Description: You can query SRO for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:SRO?

### **NR5G:SEM:SRO**

Syntax: NR5G:SEM:SRO

Parameter/Response: N/A

Description: You can query SRO for SEM in 5GNR Signal Analyzer

Example:

---

NR5G:SEM:SRO?

### **NR5G:CONStellation:SRO**

Syntax: NR5G:CONStellation:SRO

Parameter/Response: N/A

Description: You can query SRO for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:SRO?

### **NR5G:BEAManalyzer:SRO**

Syntax: NR5G:BEAManalyzer:SRO

Parameter/Response: N/A

Description: You can query SRO for Beam analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:SRO?

### **NR5G:CARrierscanner:SRO**

Syntax: NR5G:CARrierscanner:SRO

Parameter/Response: N/A

Description: You can query SRO for Carrier scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:SRO?

### **NR5G:ROUTe:SRO**

Syntax: NR5G:ROUTe:SRO

Parameter/Response: N/A

Description: You can query SRO for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTe:SRO?

### **NR5G:PVSTSymbol:SRO**

Syntax: NR5G:PVSTSymbol:SRO

Parameter/Response: N/A

Description: You can query SRO for PVST Symbol in 5GNR Signal Analyzer

Example:

NR5G:PVSTSymbol:SRO?

### **NR5G:PVSTFrame:SRO**

Syntax: NR5G:PVSTFrame:SRO

Parameter/Response: N/A

Description: You can query SRO for PVST Frame in 5GNR Signal Analyzer

Example:

NR5G:PVSTFrame:SRO?

---

### **NR5G:CONStellation:ERRor:FREQuency:HZ**

Syntax: NR5G:CONStellation:ERRor:FREQuency:HZ

Parameter/Response: N/A

Description: You can query Frequency Error by Hz for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:ERRor:FREQuency:HZ?

### **NR5G:CONStellation:ERRor:FREQuency:PPM**

Syntax: NR5G:CONStellation:ERRor:FREQuency:PPM

Parameter/Response: N/A

Description: You can query Frequency Error by ppm for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:ERRor:FREQuency:PPM?

### **NR5G:CONStellation:ERRor:TIME**

Syntax: NR5G:CONStellation:ERRor:TIME

Parameter/Response: N/A

Description: You can query Time Error for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:ERRor:TIME?

### **NR5G:CARrierscanner:CATIME#**

Syntax: NR5G:CARrierscanner:CATIME#

Parameter/Response: N/A

Description: You can query Time of each Carrier for Carrier scanner in 5GNR Signal Analyzer

Example: NR5G:CARrierscanner:CATIME#?

### **NR5G:CARrierscanner:ERRor:FREQuency#**

Syntax: NR5G:CARrierscanner:ERRor:FREQuency#

Parameter/Response: N/A

Description: You can query Frequency Error of Carrier scanner in 5GNR Signal Analyzer

Example: NR5G:CARrierscanner:ERRor:FREQuency1?

### **NR5G:CARrierscanner:ERRor:TIME#**

Syntax: NR5G:CARrierscanner:ERRor:TIME#

Parameter/Response: N/A

Description: You can query Time Error of Carrier scanner in 5GNR Signal Analyzer

---

Example: NR5G:CARrierscanner:ERRor:Time1?

#### **NR5G:CONStellation:EVM:DATA:PEAK:MAX**

Syntax: NR5G:CONStellation:EVM:DATA:PEAK:MAX

Parameter/Response: N/A

Description: You can query Max Peak EVM for Constellation in 5GNR Signal Analyzer

Example: NR5G:CONStellation:EVM:DATA:PEAK:MAX?

#### **NR5G:CONStellation:EVM:DATA:PEAK**

Syntax: NR5G:CONStellation:EVM:DATA:PEAK

Parameter/Response: N/A

Description: You can query Peak EVM for Constellation in 5GNR Signal Analyzer

Example: NR5G:CONStellation:EVM:DATA:PEAK?

#### **NR5G:CONStellation:EVM:DATA:RMS:MAX**

Syntax: NR5G:CONStellation:EVM:DATA:RMS:MAX

Parameter/Response: N/A

Description: You can query Max RMS EVM for Constellation in 5GNR Signal Analyzer

Example: NR5G:CONStellation:EVM:DATA:RMS:MAX?

#### **NR5G:CONStellation:EVM:DATA:RMS**

Syntax: NR5G:CONStellation:EVM:DATA:RMS

Parameter/Response: N/A

Description: You can query RMS EVM for Constellation in 5GNR Signal Analyzer

Example: NR5G:CONStellation:EVM:DATA:RMS?

#### **NR5G:CONStellation:EVM:PDSCH:QAM16**

Syntax: NR5G:CONStellation:EVM:PDSCH:QAM16

Parameter/Response: N/A

Description: You can query EVM of PDSCH QAM16 for Constellation in 5GNR Signal Analyzer

Example: NR5G:CONStellation:EVM:PDSCH:QAM16?

#### **NR5G:CONStellation:EVM:PDSCH:QAM256**

Syntax: NR5G:CONStellation:EVM:PDSCH:QAM256

Parameter/Response: N/A

Description: You can query EVM of PDSCH QAM256 for Constellation in 5GNR Signal Analyzer

Example: NR5G:CONStellation:EVM:PDSCH:QAM256?

---

### **NR5G:CONStellation:EVM:PDSCH:QAM64**

Syntax: NR5G:CONStellation:EVM:PDSCH:QAM64

Parameter/Response: N/A

Description: You can query EVM of PDSCH QAM64 for Constellation in 5GNR Signal Analyzer

Example: NR5G:CONStellation:EVM:PDSCH:QAM64?

### **NR5G:CONStellation:EVM:PDSCH:QPSK**

Syntax: NR5G:CONStellation:EVM:PDSCH:QPSK

Parameter/Response: N/A

Description: You can query EVM of PDSCH QPSK for Constellation in 5GNR Signal Analyzer

Example: NR5G:CONStellation:EVM:PDSCH:QPSK?

### **NR5G:CONStellation:SSRSRPpower**

Syntax: NR5G:CONStellation:SSRSRPpower

Parameter/Response:

Example: NR5G:CONStellation:SSRSRPpower?

Description: You can query SS RSRP for Constellation in 5GNR Signal Analyzer

### **NR5G:CARrierscanner:CAPDSCH#**

Syntax: NR5G:CARrierscanner:CAPDSCH#

Parameter/Response: N/A

Description: You can query PDSCH of each carrier for Carrier scanner in 5GNR Signal Analyzer

Example: NR5G:CARrierscanner:CAPDSCH1?

### **NR5G:SPECTrum:MARKer#:DELTA:FREQuency**

Syntax: NR5G:SPECTrum:MARKer#:DELTA:FREQuency

Parameter/Response: N/A

Description: You can query Delta Marker Frequency for Spectrum measurement in 5GNR Signal Analyzer

Example: NR5G:SPECTrum:MARKer1:DELTA:FREQuency?

### **NR5G:CHPower:MARKer#:DELTA:FREQuency**

Syntax: NR5G:CHPower:MARKer#:DELTA:FREQuency

Parameter/Response: N/A

Description: You can query Delta Marker Frequency for Channel Power measurement in 5GNR Signal Analyzer

Example: NR5G:CHPower:MARKer1:DELTA:FREQuency?

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### **NR5G:OBWidth:MARKer#:DELTA:FREQuency**

Syntax: NR5G:OBWidth:MARKer#:DELTA:FREQuency

Parameter/Response: N/A

Description: You can query Delta Marker Frequency for Occupied Bandwidth in 5GNR Signal Analyzer

Example: NR5G:OBWidth:MARKer1:DELTA:FREQuency?

### **NR5G:ACLR:MARKer#:DELTA:FREQuency**

Syntax: NR5G:ACLR:MARKer#:DELTA:FREQuency

Parameter/Response: N/A

Description: You can query Delta Marker Frequency for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:MARKer1:DELTA:FREQuency?

### **NR5G:SEM:MARKer#:DELTA:FREQuency**

Syntax: NR5G:SEM:MARKer#:DELTA:FREQuency

Parameter/Response: N/A

Description:

You can query Delta Marker Frequency for SEM in 5GNR Signal Analyzer

Example:

NR5G:SEM:MARKer1:DELTA:FREQuency?

### **NR5G:SPECTrum:MARKer#:FREQuency**

Syntax: NR5G:SPECTrum:MARKer#:FREQuency

Parameter/Response: N/A

Description: You can query Marker Frequency for Spectrum measurement in 5GNR Signal Analyzer

Example:

NR5G:SPECTrum:MARKer1:FREQuency?

### **NR5G:CHPower:MARKer#:FREQuency**

Syntax: NR5G:CHPower:MARKer#:FREQuency

Parameter/Response: N/A

Description: You can query Marker Frequency for Channel Power measurement in 5GNR Signal Analyzer

Example:

NR5G:CHPower:MARKer1:FREQuency?

### **NR5G:OBWidth:MARKer#:FREQuency**

Syntax: NR5G:OBWidth:MARKer#:FREQuency

Parameter/Response: N/A

Description: You can query Marker Frequency for OBW in 5GNR Signal Analyzer



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Example:  
NR5G:OBWidth:MARKer1:FREQuency?

#### **NR5G:ACLR:MARKer#:FREQuency**

Syntax: NR5G:ACLR:MARKer#:FREQuency  
Parameter/Response: N/A  
Description: You can query Marker Frequency for ACLR in 5GNR Signal Analyzer  
Example:  
NR5G:ACLR:MARKer1:FREQuency?

#### **NR5G:SEM:MARKer#:FREQuency**

Syntax: NR5G:SEM:MARKer#:FREQuency  
Parameter/Response: N/A  
Description: You can query Marker Frequency for SEM in 5GNR Signal Analyzer  
Example:  
NR5G:SEM:MARKer1:FREQuency?

#### **NR5G:OBWidth:POWER:INTegrated**

Syntax: NR5G:OBWidth:POWER:INTegrated  
Parameter/Response: N/A  
Description: You can query Integrated Power for OBW in 5GNR Signal Analyzer  
Example:  
NR5G:OBWidth:RESult:INTE:POWE?

#### **NR5G:ACLR:ABSolute#:LOWer**

Syntax: NR5G:ACLR:ABSolute#:LOWer  
Parameter/Response: N/A  
Description: You can query Absolute Power of each carrier in lower for ACLR in 5GNR Signal Analyzer  
Example:  
NR5G:ACLR:ABSolute1:LOWer?

#### **NR5G:MACLR:ABSolute#:LOWer**

Syntax: NR5G:MACLR:ABSolute#:LOWer  
Parameter/Response: N/A  
Description: You can query Absolute Power of each carrier in lower for Multi-ACLR in 5GNR Signal Analyzer  
Example:  
NR5G:MACLR:ABSolute1:LOWer?

#### **NR5G:ACLR:LOWer#:JUDGe**

Syntax: NR5G:ACLR:LOWer#:JUDGe  
Parameter/Response: N/A

---

Description: You can query pass or fail of each carrier for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:LOWer1:JUDGe?

#### **NR5G:MACLR:LOWer#:JUDGe**

Syntax: NR5G:MACLR:LOWer#:JUDGe

Parameter/Response: N/A

Description: You can query pass or fail of each carrier for MACLR in 5GNR Signal Analyzer

Example:

NR5G:MACLR:LOWer1:JUDGe?

#### **NR5G:ACLR:RELative#:LOWer**

Syntax: NR5G:ACLR:RELative#:LOWer

Parameter/Response: N/A

Description: You can query Relative power of each carrier in lower for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:RELative1:LOWer?

#### **NR5G:MACLR:RELative#:LOWer**

Syntax: NR5G:MACLR:RELative#:LOWer

Parameter/Response: N/A

Description: You can query Relative power of each carrier in lower for MACLR in 5GNR Signal Analyzer

Example:

NR5G:MACLR:RELative1:LOWer?

#### **NR5G:ACLR:ABSolute#:UPPer**

Syntax: NR5G:ACLR:ABSolute#:UPPer

Parameter/Response: N/A

Description: You can query Absolute power of each carrier in upper for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:ABSolute1:UPPer?

#### **NR5G:MACLR:ABSolute#:UPPer**

Syntax: NR5G:MACLR:ABSolute#:UPPer

Parameter/Response: N/A

Description: You can query Absolute power of each carrier in upper for Multi-ACLR in 5GNR Signal Analyzer

Example:

NR5G:MACLR:ABSolute1:UPPer?

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### **NR5G:ACLR:UPPer#:JUDGe**

Syntax: NR5G:ACLR:UPPer#:JUDGe

Parameter/Response: N/A

Description: You can query pass or fail of each upper carrier for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:UPPer1:JUDGe?

### **NR5G:MACLR:UPPer#:JUDGe**

Syntax: NR5G:MACLR:UPPer#:JUDGe

Parameter/Response: N/A

Description: You can query pass or fail of each upper carrier for MACLR in 5GNR Signal Analyzer

Example:

NR5G:MACLR:UPPer1:JUDGe?

### **NR5G:ACLR:RELative#:UPPer**

Syntax: NR5G:ACLR:RELative#:UPPer

Parameter/Response: N/A

Description: You can query Relative power of each carrier in upper for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:RELative1:UPPer?

### **NR5G:MACLR:RELative#:UPPer**

Syntax: NR5G:MACLR:RELative#:UPPer

Parameter/Response: N/A

Description: You can query Relative Power of each carrier in upper for MACLR in 5GNR Signal Analyzer

Example:

NR5G:MACLR:RELative1:UPPer?

### **NR5G:MACLR:JUDGe**

Syntax: NR5G:MACLR:JUDGe

Parameter/Response: N/A

Description: You can judge pass or fail for MACLR in 5GNR Signal Analyzer

Example:

NR5G:MACLR:JUDGe?

### **NR5G:OBWidth:JUDGe**

Syntax: NR5G:OBWidth:JUDGe

Parameter/Response: N/A

Description: You can judge pass or fail for OBW in 5GNR Signal Analyzer

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Example:  
NR5G:OBWidth:JUDGe?

#### **NR5G:OBWidth:OBWidth**

Syntax: NR5G:OBWidth:OBWidth  
Parameter/Response: N/A  
Description: N/A  
Example:  
NR5G:OBWidth:OBWidth?

#### **NR5G:OBWidth:POWer:OCCupied**

Syntax: NR5G:OBWidth:POWer:OCCupied  
Parameter/Response: N/A  
Description: You can query Occupied Power for OBW in 5GNR Signal Analyzer  
Example:  
NR5G:OBWidth:POWer:OCCupied?

#### **NR5G:SPURious:PEAK#:FREQuency**

Syntax: NR5G:SPURious:PEAK#:FREQuency  
Parameter/Response: N/A  
Description: You can query Peak Frequency for Spurious Emission Mask in 5GNR Signal Analyzer  
Example:  
NR5G:SPURious:PEAK1:FREQuency?

#### **NR5G:SEM:PEAK#:LOWer:JUDGe**

Syntax: NR5G:SEM:PEAK#:LOWer:JUDGe  
Parameter/Response: N/A  
Description: You can query pass or fail of each carrier in lower for SEM in 5GNR Signal Analyzer  
Example:  
NR5G:SEM:PEAK1:LOWer:JUDGe?

#### **NR5G:SEM:PEAK#:LOWer**

Syntax: NR5G:SEM:PEAK#:LOWer  
Parameter/Response: N/A  
Description: You can query Peak power of each carrier in lower for Spurious Emission Mask in 5GNR Signal Analyzer  
Example:  
NR5G:SEM:PEAK1:LOWer?

#### **NR5G:SPURious:PEAK#:POWer**

Syntax: NR5G:SPURious:PEAK#:POWer  
Parameter/Response: N/A

---

Description: You can query Peak Power for Spurious Emission Mask in 5GNR Signal Analyzer

Example:

NR5G:SPURious:PEAK1:POWer?

#### **NR5G:SEM:PEAK#:UPPer:JUDGe**

Syntax: NR5G:SEM:PEAK#:UPPer:JUDGe

Parameter/Response: N/A

Description: You can judge query pass or fail of each carrier in upper for SEM in 5GNR Signal Analyzer

Example:

NR5G:SEM:PEAK1:UPPer:JUDGe?

#### **NR5G:SEM:PEAK#:UPPer**

Syntax: NR5G:SEM:PEAK#:UPPer

Parameter/Response: N/A

Description: You can query Peak power of each carrier in upper for Spurious Emission Mask in 5GNR Signal Analyzer

Example:

NR5G:SEM:PEAK1:UPPer?

#### **NR5G:CHPower:PTAR**

Syntax: NR5G:CHPower:PTAR

Parameter/Response: N/A

Description: You can query PTAR for Channel Power in 5GNR Signal Analyzer

Example:

NR5G:CHPower:PTAR?

#### **NR5G:CARrierscanner:CACHPower#**

Syntax: NR5G:CARrierscanner:CACHPower#

Parameter/Response: N/A

Description: You can query Channel Power for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:CHPower1?

#### **NR5G:SPECTrum:MARKer#:DELTA:Y**

Syntax: NR5G:SPECTrum:MARKer#:DELTA:Y

Parameter/Response: N/A

Description: You can query Delta Marker Power for Spectrum Measurement in 5GNR Signal Analyzer

Example:

DNR5G:SPECTrum:MARKer1:DELTA:Y?

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#### **NR5G:CHPower:MARKer#:DELTA:Y**

Syntax: NR5G:CHPower:MARKer#:DELTA:Y

Parameter/Response: N/A

Description: You can query Delta Marker Power for Channel Power in 5G NR Signal Analyzer

Example:

NR5G:CHPower:MARKer1:DELTA:Y?

#### **NR5G:OBWidth:MARKer#:DELTA:Y**

Syntax: NR5G:OBWidth:MARKer#:DELTA:Y

Parameter/Response: N/A

Description: You can query Delta Marker Power for OBW in 5G NR Signal Analyzer

Example:

NR5G:OBWidth:MARKer1:DELTA:Y

#### **NR5G:ACLR:MARKer#:DELTA:Y**

Syntax: NR5G:ACLR:MARKer#:DELTA:Y

Parameter/Response: N/A

Description: You can query Delta Marker Power for ACLR in 5G NR Signal Analyzer

Example:

NR5G:ACLR:MARKer1:DELTA:Y

#### **NR5G:SEM:MARKer#:DELTA:Y**

Syntax: NR5G:SEM:MARKer#:DELTA:Y

Parameter/Response: N/A

Description: You can query Delta Marker Power for SEM in 5G NR Signal Analyzer

Example:

NR5G:SEM:MARKer1:DELTA:Y?

#### **NR5G:SPECTrum:MARKer#:Y**

Syntax: NR5G:SPECTrum:MARKer#:Y

Parameter/Response: N/A

Description: You can query Marker Power for Spectrum Measurement in 5G NR Signal Analyzer

Example:

NR5G:SPECTrum:MARKer1:Y?

#### **NR5G:CHPower:MARKer#:Y**

Syntax: NR5G:CHPower:MARKer#:Y

Parameter/Response: N/A

---

Description: You can query Marker Power for Channel Power in 5G NR Signal Analyzer

Example:

NR5G:CHPower:MARKer1:Y?

#### **NR5G:OBWidth:MARKer#:Y**

Syntax: NR5G:OBWidth:MARKer#:Y

Parameter/Response: N/A

Description: You can query Marker Power for OBW in 5G NR Signal Analyzer

Example:

R5G:OBWidth:MARKer1:Y?

#### **NR5G:ACLR:MARKer#:Y**

Syntax: NR5G:ACLR:MARKer#:Y

Parameter/Response: N/A

Description: You can query Marker Power for ACLR in 5G NR Signal Analyzer

Example:

R5G:ACLR:MARKer1:Y?

#### **NR5G:SEM:MARKer#:Y**

Syntax: NR5G:SEM:MARKer#:Y

Parameter/Response: N/A

Description: You can query Marker Power for SEM in 5G NR Signal Analyzer

Example:

R5G:SEM:MARKer1:Y?

#### **NR5G:BEAManalyzer:PSRSRP#:ABSolute**

Syntax: NR5G:BEAManalyzer:PSRSRP#:ABSolute

Parameter/Response: N/A

Description: You can query Absolute RSRP of PS for Beam Analyzer in 5G NR Signal Analyzer

Example:

NR5G:BEAManalyzer:PSRSRP1:ABSolute?

#### **NR5G:BEAManalyzer:PSSRSRP:DATA**

Syntax: NR5G:BEAManalyzer:PSSRSRP:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:PSSRSRP:DATA?

Description: You can query P-SS RSRP for Beam Analyzer in 5G NR Signal Analyzer

#### **NR5G:BEAManalyzer:PSSSNR:DATA**

Syntax: NR5G:BEAManalyzer:PSSSNR:DATA

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Parameter/Response:

Example: NR5G:BEAManalyzer:PSSSR:DATA?

Description: You can query P-SS SNR for Beam Analyzer in 5GNR Signal Analyzer

#### **NR5G:CARrierscanner:PSRSRP#:ABSolute**

Syntax: NR5G:CARrierscanner:PSRSRP#:ABSolute

Parameter/Response: N/A

Description: You can query Absolute RSRP of PS for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:PSRSRP1:ABSolute?

#### **NR5G:ROUTE:PSRSRP#:ABSolute**

Syntax: NR5G:ROUTE:PSRSRP#:ABSolute

Parameter/Response: N/A

Description: You can query Absolute RSRP of PS for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTE:PSRSRP1:ABSolute?

#### **NR5G:BEAManalyzer:SSRSRP#:ABSolute**

Syntax: NR5G:BEAManalyzer:SSRSRP#:ABSolute

Parameter/Response: N/A

Description: You can query Absolute RSRP of SS for Beam analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:SSRSRP1:ABSolute?

#### **NR5G:CARrierscanner:SSRSRP#:ABSolute**

Syntax: NR5G:CARrierscanner:SSRSRP#:ABSolute

Parameter/Response: N/A

Description: You can query Absolute RSRP of SS for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:SSRSRP1:ABSolute?

#### **NR5G:ROUTE:SSRSRP#:ABSolute**

Syntax: NR5G:ROUTE:SSRSRP#:ABSolute

Parameter/Response: N/A

Description: You can query Absolute RSRP of SS for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTE:SSRSRP1:ABSolute?



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### **NR5G:CARrierscanner:CASSRSRP#**

Syntax: NR5G:CARrierscanner:CASSRSRP#

Parameter/Response: N/A

Description: You can query RSRP of SS in each carrier for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:CASSRSRP1?

### **NR5G:BEAManalyzer:SSRSRQ#:RELative**

Syntax: NR5G:BEAManalyzer:SSRSRQ#:RELative

Parameter/Response: N/A

Description: You can query Relative RSRQ of SS for Beam analyzer in 5GNR Signal Analyzer

Example:

NR5G:BEAManalyzer:SSRSRQ1:RELative?

### **NR5G:BEAManalyzer:SSSRSRP:DATA**

Syntax: NR5G:BEAManalyzer:SSSRSRP:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:SSSRSRP:DATA?

Description: You can query S-SS RSRP for Beam analyzer in 5GNR Signal Analyzer

### **NR5G:BEAManalyzer:SSSRSRQ:DATA**

Syntax: NR5G:BEAManalyzer:SSSRSRQ:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:SSSRSRQ:DATA?

Description: You can query S-SS RSRQ for Beam analyzer in 5GNR Signal Analyzer

### **NR5G:BEAManalyzer:SSSSINR:DATA**

Syntax: NR5G:BEAManalyzer:SSSSINR:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:SSSSINR:DATA?

Description: You can query S-SS SINR for Beam analyzer in 5GNR Signal Analyzer

Beam Analyzer S-SS SINR

### **NR5G:BEAManalyzer:TIME:DATA**

Syntax: NR5G:BEAManalyzer:TIME:DATA

Parameter/Response:

Example: NR5G:BEAManalyzer:TIME:DATA?

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Description: You can query Time Error for Beam analyzer in 5GNR Signal Analyzer

#### **NR5G:CARrierscanner:SSRSRQ#:RELative**

Syntax: NR5G:CARrierscanner:SSRSRQ#:RELative

Parameter/Response: N/A

Description: You can query Relative RSRQ of SS for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:SSRSRQ1:RELative?

#### **NR5G:ROUTE:SSRSRQ#:RELative**

Syntax: NR5G:ROUTE:SSRSRQ#:RELative

Parameter/Response: N/A

Description: You can query Relative RSRQ of SS for Route Map in 5GNR Signal Analyzer

Example:

NR5G:ROUTE:SSRSRQ1:RELative?

#### **NR5G:CONStellation:EVM:DATA:PEAK:JUDGE**

Syntax: NR5G:CONStellation:EVM:DATA:PEAK:JUDGE

Parameter/Response: N/A

Description: You can query pass or fail of Peak EVM for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:EVM:DATA:PEAK:JUDGE?

#### **NR5G:CONStellation:EVM:PDSCH:QAM16:JUDGE**

Syntax: NR5G:CONStellation:EVM:PDSCH:QAM16:JUDGE

Parameter/Response: N/A

Description: You can query pass or fail of EVM of PDSCH QAM16 for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:EVM:PDSCH:QAM16:JUDGE?

#### **NR5G:CONStellation:EVM:PDSCH:QAM256:JUDGE**

Syntax: NR5G:CONStellation:EVM:PDSCH:QAM256:JUDGE

Parameter/Response: N/A

Description: You can query pass or fail of EVM of PDSCH QAM256 for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:EVM:PDSCH:QAM256:JUDGE?

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### **NR5G:CONStellation:EVM:PDSCH:QAM64:JUDGe**

Syntax: NR5G:CONStellation:EVM:PDSCH:QAM64:JUDGe

Parameter/Response: N/A

Description: You can query pass or fail of EVM of PDSCH QAM64 for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:EVM:PDSCH:QAM64:JUDGe?

### **NR5G:CONStellation:EVM:PDSCH:QPSK:JUDGe**

Syntax: NR5G:CONStellation:EVM:PDSCH:QPSK:JUDGe

Parameter/Response: N/A

Description: You can query pass or fail of EVM of PDSCH QPSK for Constellation in 5GNR Signal Analyzer

Example:

NR5G:CONStellation:EVM:PDSCH:QPSK:JUDGe?

### **NR5G:SPURious:PEAK#:JUDGe**

Syntax: NR5G:SPURious:PEAK#:JUDGe

Parameter/Response: N/A

Description: You can query pass or fail of Peak power for Spurious Emission Mask in 5GNR Signal Analyzer

Example:

NR5G:SPURious:PEAK1:JUDGe?

### **NR5G:MACLR:POWer:REFeRence:LOWer**

Syntax: NR5G:MACLR:POWer:REFeRence:LOWer

Parameter/Response: N/A

Description: You can query Reference Power of low carrier for MACLR in 5GNR Signal Analyzer

Example:

NR5G:MACLR:POWer:REFeRence:LOWer?

### **NR5G:SEM:POWer:REFeRence**

Syntax: NR5G:SEM:POWer:REFeRence

Parameter/Response: N/A

Description: You can query Reference Power for SEM in 5GNR Signal Analyzer

Example:

NR5G:SEM:POWer:REFeRence?

### **NR5G:ACLR:POWer:REFeRence**

Syntax: NR5G:ACLR:POWer:REFeRence

Parameter/Response: N/A

Description: You can query Reference Power for ACLR in 5GNR Signal Analyzer

---

Example:  
NR5G:ACLR:POWer:REFeRence?

#### **NR5G:MACLR:POWer:REFeRence:UPPer**

Syntax: NR5G:MACLR:POWer:REFeRence:UPPer  
Parameter/Response: N/A  
Description: You can query Reference Power of high carrier for MACLR in 5GNR  
Signal Analyzer  
Example:  
NR5G:MACLR:POWer:REFeRence:UPPer?

#### **NR5G:CONStellation:EVM:DATA:RMS:JUDGe**

Syntax: NR5G:CONStellation:EVM:DATA:RMS:JUDGe  
Parameter/Response: N/A  
Description: You can query pass or fail of RMS EVM for Constellation in 5GNR  
Signal Analyzer  
Example:  
NR5G:CONStellation:EVM:DATA:RMS:JUDGe?

#### **NR5G:CHPower:DENSity**

Syntax: NR5G:CHPower:DENSity  
Parameter/Response: N/A  
Description: You can query Density for Channel Power in 5GNR Signal Analyzer  
Example:  
NR5G:CHPower:DENSity?

#### **NR5G:SEM:JUDGe**

Syntax: NR5G:SEM:JUDGe  
Parameter/Response: N/A  
Description: You can query pass or fail of Spectrum emission Mask in 5GNR  
Signal Analyzer  
Example:  
NR5G:SEM:JUDGe?

#### **NR5G:SPURious:JUDGe**

Syntax: NR5G:SPURious:JUDGe  
Parameter/Response: N/A  
Description: You can query pass or fail for Spurious Emission Mask in 5GNR  
Signal Analyzer  
Example:  
NR5G:SPURious:JUDGe?

#### **NR5G:SPECtrum:TRACe:DATA**

Syntax: NR5G:SPECtrum:TRACe:DATA

---

Parameter/Response: N/A

Description: You can query Trace Data for Spectrum measurement in 5GNR Signal Analyzer

Example:

NR5G:TRACe:DATA?

#### **NR5G:CHPower:TRACe:DATA**

Syntax: NR5G:CHPower:TRACe:DATA

Parameter/Response: N/A

Description: You can query Trace Data for Channel Power in 5GNR Signal Analyzer

Example:

NR5G:TRACe:DATA?

#### **NR5G:OBWidth:TRACe:DATA**

Syntax: NR5G:OBWidth:TRACe:DATA

Parameter/Response: N/A

Description: You can query Trace Data for OBW in 5GNR Signal Analyzer

Example:

NR5G:TRACe:DATA?

#### **NR5G:ACLR:TRACe:DATA**

Syntax: NR5G:ACLR:TRACe:DATA

Parameter/Response: N/A

Description: You can query Trace Data for ACLR in 5GNR Signal Analyzer

Example:

NR5G:TRACe:DATA?

#### **NR5G:SEM:TRACe:DATA**

Syntax: NR5G:SEM:TRACe:DATA

Parameter/Response: N/A

Description: You can query Trace Data for SEM in 5GNR Signal Analyzer

Example:

NR5G:TRACe:DATA?

#### **NR5G:MACLR:TRACe:DATA**

Syntax: NR5G:MACLR:TRACe:DATA

Parameter/Response: N/A

Description: You can query Trace Data for MACLR in 5GNR Signal Analyzer

Example:

NR5G:TRACe:DATA?

#### **NR5G:SPURious:TRACe:DATA**

Syntax: NR5G:SPURious:TRACe:DATA

---

Parameter/Response: N/A

Description: You can query Trace Data for Spurious Emission Mask in 5GNR Signal Analyzer

Example:

NR5G:TRACe:DATA?

### **NR5G:SCALE:AUTO**

Syntax: NR5G:SCALE:AUTO

Parameter/Response: N/A

Description: You can set Auto for Scale in 5GNR Signal Analyzer

Example:

NR5G:SCALE:AUTO

### **NR5G:TRACe:CAPTure**

Syntax: NR5G:TRACe:CAPTure

Parameter/Response: N/A

Description: You can set Capture for Trace in 5GNR Signal Analyzer

Example:

NR5G:TRACe:CAPTure

### **NR5G:MARKer:AOff**

Syntax: NR5G:MARKer:AOff

Parameter/Response: N/A

Description: You can set AOff for Marker in 5GNR Signal Analyzer

Example:

NR5G:MARKer:AOff

### **NR5G:MARKer:SEARch:MIN**

Syntax: NR5G:MARKer:SEARch:MIN

Parameter/Response: N/A

Description: You can set Marker Frequency to Negative Peak in 5GNR Signal Analyzer

Example:

NR5G:MARKer:SEARch:MIN

### **NR5G:MARKer:MOVE:CENTer**

Syntax: NR5G:MARKer:MOVE:CENTer

Parameter/Response: N/A

Description: You can set Center Frequency move to Marker in 5GNR Signal Analyzer

Example:

NR5G:MARKer:MOVE:CENTer

---

### **NR5G:MARKer:MOVE:START**

Syntax: NR5G:MARKer:MOVE:START

Parameter/Response: N/A

Description: You can set Start Frequency move to marker in 5GNR Signal Analyzer

Example:

NR5G:MARKer:MOVE:START

### **NR5G:MARKer:MOVE:STOP**

Syntax: NR5G:MARKer:MOVE:STOP

Parameter/Response: N/A

Description: You can set Stop Frequency move to marker in 5GNR Signal Analyzer

Example:

NR5G:MARKer:MOVE:STOP

### **NR5G:MARKer:SEARch:NEXT**

Syntax: NR5G:MARKer:SEARch:NEXT

Parameter/Response: N/A

Description: You can set Marker Frequency Move to next Peak in 5GNR Signal Analyzer

Example:

NR5G:MARKer:SEARch:NEXT

### **NR5G:MARKer:SEARch:LEFT**

Syntax: NR5G:MARKer:SEARch:LEFT

Parameter/Response: N/A

Description: You can set Marker Search to Left in 5GNR Signal Analyzer

Example:

NR5G:MARKer:SEARch:LEFT

### **NR5G:MARKer:SEARch:RIGHT**

Syntax: NR5G:MARKer:SEARch:RIGHT

Parameter/Response: N/A

Description: You can set Marker Search to Right in 5GNR Signal Analyzer

Example:

NR5G:MARKer:SEARch:RIGHT

### **NR5G:MARKer:SEARch:PEAK**

Syntax: NR5G:MARKer:SEARch: PEAK

Parameter/Response: N/A

Description: You can set Marker Search to Peak in 5GNR Signal Analyzer

Example:

---

NR5G:MARKer:SEARch:PEAK

### **NR5G:PRESet**

Syntax: NR5G:PRESet

Parameter/Response: N/A

Description: You can preset in 5GNR Signal Analyzer

Example:

NR5G:PRESet

### **NR5G:PRESet:MEASure**

Syntax: NR5G:PRESet:MEASure

Parameter/Response: N/A

Description: You can preset Measure in 5GNR Signal Analyzer

Example:

NR5G:PRESet:MEASure

### **NR5G:HISTory:CLEar**

Syntax: NR5G:HISTory:CLEar

Parameter/Response: N/A

Description: You can set History Clear in 5GNR Signal Analyzer

Example:

NR5G:HISTory:CLEar

### **NR5G:SWEEp:ONCE**

Syntax: NR5G:SWEEp:ONCE

Parameter/Response: N/A

Description: You can set Sweep Once in 5GNR Signal Analyzer

Example:

NR5G:SWEEp:ONCE

### **NR5G:TRACe:AClear**

Syntax: NR5G:TRACe:AClear

Parameter/Response: N/A

Description: You can clear All Trace in 5GNR Signal Analyzer

Example:

NR5G:TRACe:AClear

### **NR5G:ACLR:CATegory**

Syntax: NR5G:ACLR:CATegory

Parameter/Response: WBSA | WBSB | MRBS | LABS

Description: You can set or query Category for ACLR in 5GNR Signal Analyzer

Example:

NR5G:ACLR:CATegory WBSA



---

### **NR5G:DELTA:MARKer#:ALWAYS**

Syntax: NR5G:DELTA:MARKer#:ALWAYS

Parameter/Response: Off | On

Description: You can set on/off or query Delta Marker Always in 5GNR Signal Analyzer

Example:

NR5G:DELTA:MARKer1:ALWAYS On

### **NR5G:AMPLitude:MODE**

Syntax: NR5G:AMPLitude:MODE

Parameter/Response: Auto | Couple | Manual

Description: You can set or query Amplitude mode in 5GNR Signal Analyzer

Example:

NR5G:AMPLitude:MODE Auto

### **NR5G:AMPLitude:ATTenuation**

Syntax: NR5G:AMPLitude:ATTenuation

Parameter/Response: N/A

Description: You can set or query Attenuation for Amplitude in 5GNR Signal Analyzer

Example:

NR5G:AMPLitude:ATTenuation 10

### **NR5G:AMPLitude:LINEarity**

Syntax: NR5G:AMPLitude:LINEarity

Parameter/Response: Normal|High

Example: NR5G:AMPLitude:LINEarity High

Description: You can set Linearity to normal or high in 5GNR Signal Analyzer

### **NR5G:AMPLitude:LNA:MODE**

Syntax: NR5G:AMPLitude:LNA:MODE

Parameter/Response: On|Off

Example: NR5G:AMPLitude:LNA:MODE On

Description: You can set External LNA Mode to on or off in 5GNR Signal Analyzer

### **NR5G:AMPLitude:AMPLifying:MODE**

Syntax: NR5G:AMPLitude:AMPLifying:MODE

Parameter/Response:

Example: NR5G:AMPLitude:AMPLifying:MODE Model

Description: You can set Amplifying Mode in 5GNR Signal Analyzer

---

### **NR5G:AVERage**

Syntax: NR5G:AVERage

Parameter/Response: N/A

Description: You can set or query Average in 5GNR Signal Analyzer

Example:

NR5G:AVERage 10

### **NR5G:BANDwidth**

Syntax: NR5G:BANDwidth

Parameter/Response: N/A

Description: You can set or query Bandwidth in 5GNR Signal Analyzer

Example:

NR5G:BANDwidth 100 MHz

### **NR5G:BSType**

Syntax: NR5G:BSType

Parameter/Response: 1-C/1-H | 1-O | 2-O

Description: You can set or query BS Type in 5GNR Signal Analyzer

Example:

NR5G:BSType 1-O

### **NR5G:CARrierscanner:FREQUENCY#:CENTer**

Syntax: NR5G:CARrierscanner:FREQUENCY#:CENTer

Parameter/Response: N/A

Description: You can set or query Center Frequency for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:FREQUENCY1:CENTer 1000.00 MHz

### **NR5G:CARrierscanner:FREQUENCY#:MODE**

Syntax: NR5G:CARrierscanner:FREQUENCY#:MODE

Parameter/Response: N/A

Description: You can set or query Frequency Mode for Carrier Scanner in 5GNR Signal Analyzer

Example:

NR5G:CARrierscanner:FREQUENCY1:MODE On

### **NR5G:FREQUENCY:CENTer**

Syntax: NR5G:FREQUENCY:CENTer

Parameter/Response: Off | On

Description: You can set or query Center Frequency in 5GNR Signal Analyzer

Example:

NR5G:FREQUENCY:CENTer 1000.00 MHz

---

### **NR5G:CHANnel:STANdard**

Syntax: NR5G:CHANnel:STANdard

Parameter/Response:

Example: NR5G:CHANnel:STANdard 700

Description: You can set Channel Standard in 5GNR Signal Analyzer

### **NR5G:CHANnel:NUM**

Syntax: NR5G:CHANnel:NUM

Parameter/Response: N/A

Description: You can set or query Channel Number in 5GNR Signal Analyzer

Example:

NR5G:CHANnel:NUM 1

### **NR5G:CHANnel:STEP**

Syntax: NR5G:CHANnel:STEP

Parameter/Response: N/A

Description: You can set or query Channel Step in 5GNR Signal Analyzer

Example:

NR5G:CHANnel:STEP 1

### **NR5G:LIMit:EXCellent**

Syntax: NR5G:LIMit:EXCellent

Parameter/Response: N/A

Description: You can set or query Excellent Limit in 5GNR Signal Analyzer

Example:

NR5G:LIMit:EXCellent -70

### **NR5G:LIMit:SYERror:MODE**

Syntax: NR5G:LIMit:SYERror:MODE

Parameter/Response: Off|On

Example: NR5G:LIMit:SYERror:MODE On

Description: You can set Sync Error to On or Off in 5GNR Signal Analyzer

### **NR5G:LIMit:SYERror:HIGh**

Syntax: NR5G:LIMit:SYERror:HIGh

Parameter/Response:

Example: NR5G:LIMit:SYERror:HIGh 3

Description: You can set the limit for Sync Error High in 5GNR Signal Analyzer

### **NR5G:AMPLitude:EXT**

Syntax: NR5G:AMPLitude:EXT

Parameter/Response: N/A

---

Description: You can set or query External Offset in 5GNR Signal Analyzer

Example:

```
NR5G:AMPLitude:EXT 10
```

#### **NR5G:AMPLitude:EXT:MODE**

Syntax: NR5G:AMPLitude:EXT:MODE

Parameter/Response: Off | On

Description: You can set or query External Offset Mode in 5GNR Signal Analyzer

Example:

```
NR5G:AMPLitude:EXT:MODE On
```

#### **NR5G:AMPLitude:PREAmp:AUTO**

Syntax: NR5G:AMPLitude:PREAmp:AUTO

Parameter/Response: On|Off

Example: NR5G:AMPLitude:PREAmp:AUTO On

Description: You can set Auto Preamp to on or off

#### **NR5G:AMPLitude:PREAmp:FIRSt**

Syntax: NR5G:AMPLitude:PREAmp:FIRSt

Parameter/Response: Off | On

Description: You can set or query PreAmp first for Amplitude in 5GNR Signal Analyzer

Example:

```
NR5G:AMPLitude:PREAmp:FIRSt On
```

#### **NR5G:AMPLitude:PREAmp:DNC**

Syntax: NR5G:AMPLitude:PREAmp:DNC

Parameter/Response: Off | On

Description: You can set or query PreAmp DNC for Amplitude in 5GNR Signal Analyzer

Example:

```
NR5G:AMPLitude:PREAmp:DNC On
```

#### **NR5G:FREQuency:BAND**

Syntax: NR5G:FREQuency:BAND

Parameter/Response: FR1 | FR2

Description: You can set or query Frequency Bandwidth in 5GNR Signal Analyzer

Example:

```
NR5G:FREQuency:BANDe FR1
```

#### **NR5G:DISTance**

Syntax: NR5G:DISTance

---

Parameter/Response:

Example: NR5G:DIStance 100

Description: You can set Distance in 5G NR Signal Analyzer

### **NR5G:DELTA:MARKer#:FREQuency**

Syntax: NR5G:DELTA:MARKer#:FREQuency

Parameter/Response: N/A

Description: You can set or query Delta Marker Frequency in 5GNR Signal Analyzer

Example:

NR5G:DELTA:MARKer1:FREQuency 3000 MHz

### **NR5G:MARKer#:FREQuency**

Syntax: NR5G:MARKer#:FREQuency

Parameter/Response: N/A

Description: You can set or query Marker Frequency in 5GNR Signal Analyzer

Example:

NR5G:MARKer1:FREQuency 3000 MHz

### **NR5G:LIMit:DATA:PEAK:HIGh**

Syntax: NR5G:LIMit:DATA:PEAK:HIGh

Parameter/Response: N/A

Description: You can set or query High limit of Peak Data Channel Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:DATA:PEAK:HIGh 10

### **NR5G:LIMit:DATA:RMS:HIGh**

Syntax: NR5G:LIMit:DATA:RMS:HIGh

Parameter/Response: N/A

Description: You can set or query High Limit of RMS Data Channel Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:DATA:RMS:HIGh 10

### **NR5G:LIMit:FRAMeavgpower:HIGh**

Syntax: NR5G:LIMit:FRAMeavgpower:HIGh

Parameter/Response: N/A

Description: You can set or query High Limit of Frame average Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:FRAMeavgpower:HIGh 10

---

### **NR5G:LIMit:FREQuency:HIGH**

Syntax: NR5G:LIMit:FREQuency:HIGH

Parameter/Response: N/A

Description: You can set or query High Limit of Frequency Error in 5G NR Signal Analyzer

Example:

NR5G:LIMit:FREQuency:HIGH 0.1

### **NR5G:LIMit:IQORiginoffset:HIGH**

Syntax: NR5G:LIMit:IQORiginoffset:HIGH

Parameter/Response: N/A

Description: You can set or query High Limit of IQ Origin Offset in 5G NR Signal Analyzer

Example:

NR5G:LIMit:IQORiginoffset:HIGH -35

### **NR5G:LIMit:OBWidth:HIGH**

Syntax: NR5G:LIMit:OBWidth:HIGH

Parameter/Response: N/A

Description: You can set or query High Limit of OBW in 5G NR Signal Analyzer

Example:

NR5G:LIMit:OBWidth:HIGH 50

### **NR5G:LIMit:OFFPower:HIGH**

Syntax: NR5G:LIMit:OFFPower:HIGH

Parameter/Response: N/A

Description: You can set or query High Limit or Off Power in 5G NR Signal Analyzer

Example:

NR5G:LIMit:OFFPower:HIGH -50

### **NR5G:LIMit:PDSCH:QAM16**

Syntax: NR5G:LIMit:PDSCH:QAM16

Parameter/Response: N/A

Description: You can set or query Limit PDSCH QAM16 in 5G NR Signal Analyzer

Example:

NR5G:LIMit:PDSCH:QAM16 10

### **NR5G:LIMit:PDSCH:QAM256**

Syntax: NR5G:LIMit:PDSCH:QAM256

Parameter/Response: N/A

Description: You can set or query Limit PDSCH QAM256 in 5G NR Signal Analyzer

---

Example:

NR5G:LIMit:PDSCH:QAM256 10

#### **NR5G:LIMit:PDSCH:QAM64**

Syntax: NR5G:LIMit:PDSCH:QAM64

Parameter/Response: N/A

Description: You can set or query Limit PDSCH QAM64 in 5GNR Signal Analyzer

Example:

NR5G:LIMit:PDSCH:QAM64 10

#### **NR5G:LIMit:PDSCH:QPSK**

Syntax: NR5G:LIMit:PDSCH:QPSK

Parameter/Response: N/A

Description: You can set or query Limit PDSCH QPSK in 5GNR Signal Analyzer

Example:

NR5G:LIMit:PDSCH:QPSK 10

#### **NR5G:LIMit:SSRSRP:HIGH**

Syntax: NR5G:LIMit:SSRSRP:HIGH

Parameter/Response: N/A

Description: You can set or query High Limit of RSRP of SS in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SSRSRP:HIGH 10

#### **NR5G:LIMit:Slotpower:HIGH**

Syntax: NR5G:LIMit:Slotpower:HIGH

Parameter/Response: N/A

Description: You can set or query High limit of Slot Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:Slotpower:HIGH 10

#### **NR5G:LIMit:SYMBOLavgpower:HIGH**

Syntax: NR5G:LIMit:SYMBOLavgpower:HIGH

Parameter/Response: N/A

Description: You can set or query High limit of Symbol Average Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SYMBOLavgpower:HIGH 10

#### **NR5G:LIMit:TIME:HIGH**

Syntax: NR5G:LIMit:TIME:HIGH

Parameter/Response: N/A

---

Description: You can set or query High Limit of Time Error in 5G NR Signal Analyzer

Example:

NR5G:LIMit:TIME:HIGH 3

### **NR5G:LIMit:TRANSition:HIGH**

Syntax: NR5G:LIMit:TRANSition:HIGH

Parameter/Response: N/A

Description: You can set or query High Limit of Transition in 5G NR Signal Analyzer

Example:

NR5G:LIMit:TRANSition:HIGH -50

### **NR5G:HOLD**

Syntax: NR5G:HOLD

Parameter/Response: N/A

Description: You can set or query Hold in 5G NR Signal Analyzer

Example:

NR5G:HOLD On

### **NR5G:LIMit:CHPower:LOW**

Syntax: NR5G:LIMit:CHPower:LOW

Parameter/Response: N/A

Description: You can set or query low Limit of Channel Power in 5G NR Signal Analyzer

Example:

NR5G:LIMit:CHPower:LOW 20

### **NR5G:LIMit:FRAMeavgpower:LOW**

Syntax: NR5G:LIMit:FRAMeavgpower:LOW

Parameter/Response: N/A

Description: You can set or query low Limit of Frame Average Power in 5G NR Signal Analyzer

Example:

NR5G:LIMit:FRAMeavgpower:LOW -10

### **NR5G:LIMit:FREQuency:LOW**

Syntax: NR5G:LIMit:FREQuency:LOW

Parameter/Response: N/A

Description: You can set or query low Limit of Frequency in 5G NR Signal Analyzer

Example:

NR5G:LIMit:FREQuency:LOW -0.1



---

### **NR5G:LIMit:SSRSRP:LOW**

Syntax: NR5G:LIMit:SSRSRP:LOW

Parameter/Response: N/A

Description: You can set or query low Limit of RSRP of SS in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SSRSRP:LOW -10

### **NR5G:LIMit:SLOTpower:LOW**

Syntax: NR5G:LIMit:SLOTpower:LOW

Parameter/Response: N/A

Description: You can set or query low Limit of Slot Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SLOTpower:LOW -10

### **NR5G:LIMit:SYMBOLavgpower:LOW**

Syntax: NR5G:LIMit:SYMBOLavgpower:LOW

Parameter/Response: N/A

Description: You can set or query low Limit of Symbol Average Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SYMBOLavgpower:LOW -10

### **NR5G:LIMit:TIME:LOW**

Syntax: NR5G:LIMit:TIME:LOW

Parameter/Response: N/A

Description: You can set or query low Limit of Time Error in 5GNR Signal Analyzer

Example:

NR5G:LIMit:TIME:LOW -3

### **NR5G:L**

Syntax: NR5G:L

Parameter/Response: 4 | 8 | 64

Description: You can set or query Lmax in 5GNR Signal Analyzer

Example:

NR5G:L 8

### **NR5G:MEASure:TYPE**

Syntax: NR5G:MEASure:TYPE

Parameter/Response: DL | UL

---

Description: You can set or query to Select UP/Down Link in 5GNR Signal Analyzer

Example:

NR5G:MEASure:TYPE

#### **NR5G:LIMit:ACLR:MODE**

Syntax: NR5G:LIMit:ACLR:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for ACLR in 5GNR Signal Analyzer

Example:

NR5G:LIMit:ACLR:MODE On

#### **NR5G:LIMit:CHPower:MODE**

Syntax: NR5G:LIMit:CHPower:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for Channel Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:CHPower:MODE On

#### **NR5G:LIMit:DATA:PEAK:MODE**

Syntax: NR5G:LIMit:DATA:PEAK:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for Data Peak in 5GNR Signal Analyzer

Example:

NR5G:LIMit:DATA:PEAK:MODE On

#### **NR5G:LIMit:DATA:RMS:MODE**

Syntax: NR5G:LIMit:DATA:RMS:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for Data RMS in 5GNR Signal Analyzer

Example:

NR5G:LIMit:DATA:RMS:MODE On

#### **NR5G:LIMit:FRAMEavgpower:MODE**

Syntax: NR5G:LIMit:FRAMEavgpower:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for Frame Average Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:FRAMEavgpower:MODE On

---

### **NR5G:LIMit:FREQuency:MODE**

Syntax: NR5G:LIMit:FREQuency:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for Frequency in 5GNR Signal Analyzer

Example:

NR5G:LIMit:FREQuency:MODE On

### **NR5G:LIMit:IQORiginoffset:MODE**

Syntax: NR5G:LIMit:IQORiginoffset:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for IQ Origin Offset in 5GNR Signal Analyzer

Example:

NR5G:LIMit:IQORiginoffset:MODE On

### **NR5G:LIMit:MACLR:MODE**

Syntax: NR5G:LIMit:MACLR:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for MACLR in 5GNR Signal Analyzer

Example:

NR5G:LIMit:MACLR:MODE On

### **NR5G:LIMit:OBWidth:MODE**

Syntax: NR5G:LIMit:OBWidth:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for OBW in 5GNR Signal Analyzer

Example:

NR5G:LIMit:OBWidth:MODE On

### **NR5G:LIMit:OFFPower:MODE**

Syntax: NR5G:LIMit:OFFPower:MODE

Parameter/Response: Off | On

Description: You can set limit on or off or query limit mode for Off Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:OFFPower:MODE On

### **NR5G:LIMit:PDSCH:MODE**

Syntax: NR5G:LIMit:PDSCH:MODE

Parameter/Response: Off | On

---

Description: You can set limit on or off or query limit mode for PDSCH in 5GNR Signal Analyzer

Example:

NR5G:LIMit:PDSCH:MODE On

#### **NR5G:LIMit:SEM:MODE**

Syntax: NR5G:LIMit:SEM:MODE

Parameter/Response: Off | On

Description: You can set limit on or off or query limit mode for SEM in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SEM:MODE On

#### **NR5G:LIMit:SSRSRP:MODE**

Syntax: NR5G:LIMit:SSRSRP:MODE

Parameter/Response: Off | On

Description: You can set limit on or off or query limit mode for SSRSRP in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SSRSRP:MODE On

#### **NR5G:LIMit:SPURious:MODE**

Syntax: NR5G:LIMit:SPURious:MODE

Parameter/Response: Off | On

Description: You can set limit on or off or query limit mode for Spurious Emissions in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SPURious:MODE On

#### **NR5G:LIMit:SLOTpower:MODE**

Syntax: NR5G:LIMit:SLOTpower:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for Slot Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SLOTpower:MODE On

#### **NR5G:LIMit:SYMBOLavgpower:MODE**

Syntax: NR5G:LIMit:SYMBOLavgpower:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query limit mode for Symbol Average Power in 5GNR Signal Analyzer

Example:

NR5G:LIMit:SYMBOLavgpower:MODE On

---

### **NR5G:LIMit:TIME:MODE**

Syntax: NR5G:LIMit:TIME:MODE

Parameter/Response: Off | On

Description: You can set on/off or query Limit Time Error in 5GNR Signal Analyzer

Example:

NR5G:LIMit:TIME:MODE On

### **NR5G:LIMit:TRANSition:MODE**

Syntax: NR5G:LIMit:TRANSition:MODE

Parameter/Response: Off | On

Description: You can set limit on/off or query Limit Transition Period in 5GNR Signal Analyzer

Example:

NR5G:LIMit:TRANSition:MODE On

### **NR5G:SWEEp:MODE**

Syntax: NR5G:SWEEp:MODE

Parameter/Response: Continue | Single

Description: You can set or query Sweep Mode in 5GNR Signal Analyzer

Example:

NR5G:SWEEp:MODE Single

### **NR5G:TRIGger:MODE**

Syntax: NR5G:TRIGger:MODE

Parameter/Response: Internal | External | GNSS

Description: You can set or query Trigger Mode in 5GNR Signal Analyzer

Example:

NR5G:TRIGger:MODE External

### **NR5G:PCI:MODE**

Syntax: NR5G:PCI:MODE

Parameter/Response: Auto | Manual

Description: You can set or query PCI Mode in 5GNR Signal Analyzer

Example:

NR5G:PCI:MODE Auto

### **NR5G:PCI**

Syntax: NR5G:PCI

Parameter/Response: N/A

Description: You can set or query PCI in 5GNR Signal Analyzer

Example:

NR5G:PCI 0

---

### **NR5G:PERiodicity**

Syntax: NR5G:PERiodicity

Parameter/Response: 5ms | 10ms | 20ms | 40ms | 80ms | 160ms

Description: You can set or query Periodicity in 5GNR Signal Analyzer

Example:

NR5G:PERiodicity 20ms

### **NR5G:LIMit:POOR**

Syntax: NR5G:LIMit:POOR

Parameter/Response: N/A

Description: You can set or query Limit Poor in 5GNR Signal Analyzer

Example:

NR5G:LIMit:POOR -130

### **NR5G:AMPLitude:REference**

Syntax: NR5G:AMPLitude:REference

Parameter/Response: N/A

Description: You can set or query Amplitude Reference in 5GNR Signal Analyzer

Example:

NR5G:AMPLitude:REference 10

### **NR5G:AMPLitude:SCAL**

Syntax: NR5G:AMPLitude:SCAL

Parameter/Response: N/A

Description: You can set or query Amplitude SCAL in 5GNR Signal Analyzer

Example:

NR5G:AMPLitude:SCAL 10

### **NR5G:AMPLitude:UNIT**

Syntax: NR5G:AMPLitude:UNIT

Parameter/Response: dBm | dBV | dBmV | dBuV | V | W

Description: You can set or query Amplitude Unit in 5GNR Signal Analyzer

Example:

NR5G:AMPLitude:UNIT dBm

### **NR5G:AMPLitude:PREAmp:SECOnd**

Syntax: NR5G:AMPLitude:PREAmp:SECOnd

Parameter/Response: Off | On

Description: You can set or query Amplitude Preamp Second in 5GNR Signal Analyzer

Example:

NR5G:AMPLitude:PREAmp:SECOnd On

---

## **NR5G:FREQuency:RANGe**

Syntax: NR5G:FREQuency:RANGe

Parameter/Response: Basic | DNC

Description: You can set or query Frequency Range in 5GNR Signal Analyzer

Example:

NR5G:FREQuency:RANGe Basic

## **NR5G:MARKer:SElect**

Syntax: NR5G:MARKer:SElect

Parameter/Response:

Marker01 | Marker02 | Marker03 | Marker04 | Marker05 | Marker06

Description: You can set or query Marker Selection in 5GNR Signal Analyzer

Example:

NR5G:MARKer:SElect Marker01

## **NR5G:TRACe:SElect**

Syntax: NR5G:TRACe:SElect

Parameter/Response:

Trace01 | Trace02 | Trace03 | Trace04 | Trace05 | Trace06

Description: You can set or query Trace Selection in 5GNR Signal Analyzer

Example:

NR5G:TRACe:SElect Trace06

## **NR5G:TRACe:INFOrmation**

Syntax: NR5G:TRACe:INFOrmation

Parameter/Response:

None | Trace01 | Trace02 | Trace03 | Trace04 | Trace05 | Trace06

Description: You can set or query Trace Information in 5GNR Signal Analyzer

Example:

NR5G:TRACe:INFOrmation Trace06

## **NR5G:SEM:CATegory**

Syntax: NR5G:SEM:CATegory

Parameter/Response: WBSA | WBSB | MRBS | LABS

Description: You can set or query SEM Category in 5GNR Signal Analyzer

Example:

NR5G:SEM:CATegory WBSA

## **NR5G:SLOT:FORMats**

Syntax: NR5G:SLOT:FORMats

Parameter/Response: N/A

Description: You can set or query Slot Formats in 5GNR Signal Analyzer

Example:

---

NR5G:SLOT:FORMats 0

### **NR5G:SLOT:TYPE#**

Syntax: NR5G:SLOT:TYPE#

Parameter/Response:

Example: NR5G:SLOT:TYPE1 DL

Description: You can set Slot Type in Power vs Time in 5G NR Signal Analyzer

### **NR5G:SLOT**

Syntax: NR5G:SLOT

Parameter/Response: N/A

Description: You can set or query Slot in 5G NR Signal Analyzer

Example:

NR5G:SLOT 0

### **NR5G:SPURious:CATegory**

Syntax: NR5G:SPURious:CATegory

Parameter/Response: CategoryA | CategoryB | tmp

Description: You can set or query Spurious Category in 5G NR Signal Analyzer

Example:

NR5G:SPURious:CATegory CategoryB

### **NR5G:SPURious:TYPE**

Syntax: NR5G:SPURious:TYPE

Parameter/Response: Transmitted | Receiver | tmp

Description: You can set or query Spurious Type in 5G NR Signal Analyzer

Example:

NR5G:SPURious:TYPE Receiver

### **NR5G:SSBBlockpattern**

Syntax: NR5G:SSBBlockpattern

Parameter/Response:

None | CaseA | CaseB | CaseC | CaseD | CaseE

Description: You can set or query SS Block Pattern in 5G NR Signal Analyzer

Example:

NR5G:SSBBlockpattern CaseA

### **NR5G:SSB:SCS**

Syntax: NR5G:SSB:SCS

Parameter/Response: N/A

Description: You can set or query SS Block in 5G NR Signal Analyzer

Example:

NR5G:SSB:SCS 15 kHz



---

## **NR5G:SSB:MODE**

Syntax: NR5G:SSB:MODE

Parameter/Response: Start | Stop

Description: You can set SSB Auto Search Mode to Start or Stop in 5G NR Signal Analyzer

Example:

NR5G:SSB:MODE Start

## **NR5G:SSB:TYPE**

Syntax: NR5G:SSB:TYPE

Parameter/Response: Auto|Manual

Example: NR5G:SSB:TYPE Auto

Description: You can set SSB Auto Search Mode to Auto or Manual in 5G NR Signal Analyzer

## **NR5G:GSCN**

Syntax: NR5G:GSCN

Parameter/Response:

Example: NR5G:GSCN 2386

Description: You can set GSCN number in 5G NR Signal Analyzer

## **NR5G:LIMit:LINE:SSRSRP:**

Syntax: NR5G:LIMit:LINE:SSRSRP:

Parameter/Response: N/A

Description: You can set or query Limit Line of RSRP of SS in 5G NR Signal Analyzer

Example:

NR5G:LIMit:LINE:SSRSRP:-70

## **NR5G:LIMit:LINE:SSRSRP:MODE**

Syntax: NR5G:LIMit:LINE:SSRSRP:MODE

Parameter/Response: Off | On

Description: You can set on/off or query Limit Line RSRP of SS Mode in 5G NR Signal Analyzer

Example:

NR5G:LIMit:LINE:SSRSRP:MODE On

## **NR5G:LIMit:LINE:SSRSRQ**

Syntax: NR5G:LIMit:LINE:SSRSRQ

Parameter/Response: N/A

Description: You can set or query Limit Line RSRQ of SS in 5G NR Signal Analyzer

Example:

---

NR5G:LIMit:LINE:SSRSRQ 15

#### **NR5G:LIMit:LINE:SSRSRQ:MODE**

Syntax: NR5G:LIMit:LINE:SSRSRQ:MODE

Parameter/Response: Off | On

Description: You can set on/off or query Limit Line RSRQ of SS Mode in 5G NR Signal Analyzer

Example:

NR5G:LIMit:LINE:SSRSRQ:MODE On

#### **NR5G:LIMit:SLOTpower:HIGh**

Syntax: NR5G:LIMit:SLOTpower:HIGh

Parameter/Response:

Example: NR5G:LIMit:SLOTpower:HIGh 10

Description: You can set or query Limit for Slot Power High in 5G NR Signal Analyzer

#### **NR5G:LIMit:SLOTpower:LOW**

Syntax: NR5G:LIMit:SLOTpower:LOW

Parameter/Response:

Example: NR5G:LIMit:SLOTpower:LOW -10

Description: You can set or query Limit for Slot Power Low in 5G NR Signal Analyzer

#### **NR5G:LIMit:SLOTpower:MODE**

Syntax: NR5G:LIMit:SLOTpower:MODE

Parameter/Response:

Example: NR5G:LIMit:SLOTpower:MODE On

Description: You can set on/off or query limit for Slot Power Mode in 5G NR Signal Analyzer

#### **NR5G:SYMbolphase:TYPE**

Syntax: NR5G:SYMbolphase:TYPE

Parameter/Response:

Example: NR5G:SYMbolphase:TYPE Manual

Description: You can set Symbol Phase Compensation in 5G NR Signal Analyzer

#### **NR5G:TRIGger:BURSt**

Syntax: NR5G:TRIGger:BURSt

Parameter/Response: [Off | On]

Example: NR5G:TRIGger:BURSt On

Description: You can set Trigger Burst to On or Off.

---

### **NR5G:FREQuency:STEP**

Syntax: NR5G:FREQuency:STEP

Parameter/Response: N/A

Description: You can set or query Frequency step in 5GNR Signal Analyzer

Example:

NR5G:FREQuency:STEP 1000.00 MHz

### **NR5G:SRO**

Syntax: NR5G:SRO

Parameter/Response: N/A

Description: You can set or query SRO in 5GNR Signal Analyzer

Example:

NR5G:SRO 0

### **NR5G:SSO**

Syntax: NR5G:SSO

Parameter/Response: N/A

Description: You can set or query SSO in 5GNR Signal Analyzer

Example:

NR5G:SSO 0

### **NR5G:MARKer#:TYPE**

Syntax: NR5G:MARKer#:TYPE

Parameter/Response: Normal | Delta | DeltaPair

Description: You can set or query Marker Type in 5GNR Signal Analyzer

Example:

NR5G:MARKer1:TYPE Normal

### **NR5G:TRACe#:TYPE**

Syntax: NR5G:TRACe#:TYPE

Parameter/Response: Off | ClearWrite | Capture | Max | Min | Load | Calculate

Description: You can set or query Trace Type in 5GNR Signal Analyzer

Example:

NR5G:TRACe1:TYPE Max

### **NR5G:MARKer#**

Syntax: NR5G:MARKer#

Parameter/Response: Off | On | Init

Description: You can set on/off/Initialization or query Marker in 5GNR Signal Analyzer

Example:

NR5G:MARKer1 On

---

### **NR5G:TRACe#:VIEW**

Syntax: NR5G:TRACe#:VIEW

Parameter/Response: Off | On

Description: You can set on/off or query Trace View in 5GNR Signal Analyzer

Example:

NR5G:TRACe1:VIEW Off

### **NR5G:CAPTure:IQ Filename**

Syntax: NR5G:CAPTure:IQ Filename

Parameter/Response: N/A

Description: You can Capture IQ data in designated file name of internal folder in Trigger Spectrum measurement of 5GNR Signal Analyzer

Example:

NR5G:CAPTure:IQ NR\_20190510

### **NR5G:CAPTure:IQ:STATus?**

Syntax: NR5G:CAPTure:IQ:STATus?

Parameter/Response: -1 | 0 | 1

Description: You can check the Capture IQ data status in designated file name of internal folder in Trigger Spectrum measurement of 5GNR Signal Analyzer. Note that if the return is 0 or -1, the file is saved successfully and 1 means the file is saving.

Example:

NR5G:CAPTure:IQ:STATus?

1

### **NR5G:BAI:DISTance**

Syntax: NR5G:BAI:DISTance

Parameter/Response:

Example: NR5G:BAI:DISTance?

Description: You can query Distance in Beam Availability Index in 5G NR Signal Analyzer

### **NR5G:BAI:EVM**

Syntax: NR5G:BAI:EVM

Parameter/Response:

Example: NR5G:BAI:EVM?

Description: You can query PBCH EVM in Beam Availability Index in 5G NR Signal Analyzer

### **NR5G:BAI:EVM:DMRS**

Syntax: NR5G:BAI:EVM:DMRS

Parameter/Response:

---

**Example:** NR5G:BAI:EVM:DMRS?

**Description:** You can query PBCH DM-RS EVM in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:INDEX**

**Syntax:** NR5G:BAI:INDEX

**Parameter/Response:**

**Example:** NR5G:BAI:INDEX 4

**Description:** You can set Index in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:L**

**Syntax:** NR5G:BAI:L

**Parameter/Response:**

**Example:** NR5G:BAI:L?

**Description:** You can query L in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:LOSS**

**Syntax:** NR5G:BAI:LOSS

**Parameter/Response:**

**Example:** NR5G:BAI:LOSS?

**Description:** You can query Loss in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:PBCH:DMRS**

**Syntax:** NR5G:BAI:PBCH:DMRS

**Parameter/Response:**

**Example:** NR5G:BAI:PBCH:DMRS?

**Description:** You can query PBCH DM-RS RSRP in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:PBCHRSRP**

**Syntax:** NR5G:BAI:PBCHRSRP

**Parameter/Response:**

**Example:** NR5G:BAI:PBCHRSRP?

**Description:** You can query PBCH RSRP in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:PCI**

**Syntax:** NR5G:BAI:PCI

**Parameter/Response:**

**Example:** NR5G:BAI:PCI?

---

Description: You can query PCI in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:PSRSRP**

Syntax: NR5G:BAI:PSRSRP

Parameter/Response:

Example: NR5G:BAI:PSRSRP?

Description: You can query PSRSRP in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:SCS:DATA**

Syntax: NR5G:BAI:SCS:DATA

Parameter/Response:

Example: NR5G:BAI:SCS:DATA?

Description: You can query SCS Data in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:SCS:SSB**

Syntax: NR5G:BAI:SCS:SSB

Parameter/Response:

Example: NR5G:BAI:SCS:SSB?

Description: You can query SCS SSB in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:SRO**

Syntax: NR5G:BAI:SRO

Parameter/Response:

Example: NR5G:BAI:SRO?

Description: You can query SRO in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:SSBIndex**

Syntax: NR5G:BAI:SSBIndex

Parameter/Response:

Example: NR5G:BAI:SSBIndex?

Description: You can query SSB Index in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:SSBPower**

Syntax: NR5G:BAI:SSBPower

Parameter/Response:

Example: NR5G:BAI:SSBPower?

---

Description: You can query SSB Power in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:SSBSINR**

Syntax: NR5G:BAI:SSBSINR

Parameter/Response:

Example: NR5G:BAI:SSBSINR?

Description: You can query SSB SINR in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:SSRSRP**

Syntax: NR5G:BAI:SSRSRP

Parameter/Response:

Example: NR5G:BAI:SSRSRP?

Description: You can query SS RSRP in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:SSSRSSI**

Syntax: NR5G:BAI:SSSRSSI

Parameter/Response:

Example: NR5G:BAI:SSSRSSI?

Description: You can query S-SS RSSI in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:BAI:TXPower**

Syntax: NR5G:BAI:TXPower

Parameter/Response:

Example: NR5G:BAI:TXPower?

Description: You can query TX Power in Beam Availability Index in 5G NR Signal Analyzer

#### **NR5G:MPP:GID**

Syntax: NR5G:MPP:GID

Parameter/Response:

Example: NR5G:MPP:GID?

Description: You can query Group ID in Multipath Profile in 5G NR Signal Analyzer

#### **NR5G:MPP:PCI**

Syntax: NR5G:MPP:PCI

Parameter/Response:

Example: NR5G:MPP:PCI?

Description: You can query PCI in Multipath Profile in 5G NR Signal Analyzer

---

### **NR5G:MPP:PSSRSRP:DELAy#**

Syntax: NR5G:MPP:PSSRSRP:DELAy#

Parameter/Response:

Example: NR5G:MPP:PSSRSRP:DELAy1?

Description: You can query P-SS RSRP Delay in Multipath Profile in 5G NR Signal Analyzer

### **NR5G:MPP:SID**

Syntax: NR5G:MPP:SID

Parameter/Response:

Example: NR5G:MPP:SID?

Description: You can query Sector ID in Multipath Profile in 5G NR Signal Analyzer

### **NR5G:MPP:SSBIndex**

Syntax: NR5G:MPP:SSBIndex

Parameter/Response:

Example: NR5G:MPP:SSBIndex?

Description: You can query SSB Index in Multipath Profile in 5G NR Signal Analyzer

### **NR5G:MPP:SSRSRP:DELAy#**

Syntax: NR5G:MPP:SSRSRP:DELAy#

Parameter/Response:

Example: NR5G:MPP:SSRSRP:DELAy1?

Description: You can query S-SS RSRP Delay in Multipath Profile in 5G NR Signal Analyzer

### **NR5G:PDSCH:BWP:RB:NUMBER**

Syntax: NR5G:PDSCH:BWP:RB:NUMBER

Parameter/Response:

Example: NR5G:PDSCH:BWP:RB:NUMBER 273

Description: You can set PDSCH Bandwidth Part Number Of RBs in 5G NR Signal Analyzer

### **NR5G:PDSCH:BWP:RB:START**

Syntax: NR5G:PDSCH:BWP:RB:START

Parameter/Response:

Example: NR5G:PDSCH:BWP:RB:START 0

Description: You can set PDSCH Bandwidth Part Start RB in 5G NR Signal Analyzer



---

### **NR5G:PDSCH:DATA:MODUlation:TYPE**

Syntax: NR5G:PDSCH:DATA:MODUlation:TYPE

Parameter/Response:

Example: NR5G:PDSCH:DATA:MODUlation:TYPE 'QAM256'

Description: You can set PDSCH Data Modulation Type in 5G NR Signal Analyzer

### **NR5G:PDSCH:DATA:OFFSet:RB**

Syntax: NR5G:PDSCH:DATA:OFFSet:RB

Parameter/Response:

Example: NR5G:PDSCH:DATA:OFFSet:RB 0

Description: You can set PDSCH Data Offset RB in 5G NR Signal Analyzer

### **NR5G:PDSCH:DATA:RB:NUMber**

Syntax: NR5G:PDSCH:DATA:RB:NUMber

Parameter/Response:

Example: NR5G:PDSCH:DATA:RB:NUMber 273

Description: You can set PDSCH Data Number of RBs in 5G NR Signal Analyzer

### **NR5G:PDSCH:DATA:SCS**

Syntax: NR5G:PDSCH:DATA:SCS

Parameter/Response:

Example: NR5G:PDSCH:DATA:SCS 30kHz

Description: You can set PDSCH Data Subcarrier Spacing in 5G NR Signal Analyzer

### **NR5G:PDSCH:DATA:SLOT:NUMber**

Syntax: NR5G:PDSCH:DATA:SLOT:NUMber

Parameter/Response:

Example: NR5G:PDSCH:DATA:SLOT:NUMber 6

Description: You can set PDSCH Data Slot Number in 5G NR Signal Analyzer

### **NR5G:PDSCH:DATA:SYMBol:NUMber**

Syntax: NR5G:PDSCH:DATA:SYMBol:NUMber

Parameter/Response:

Example: NR5G:PDSCH:DATA:SYMBol:NUMber 13

Description: You can set PDSCH Data Number Of Symbols in 5G NR Signal Analyzer

### **NR5G:PDSCH:DATA:SYMBol:START**

Syntax: NR5G:PDSCH:DATA:SYMBol:START

---

Parameter/Response:

Example: NR5G:PDSCH:DATA:SYMBOL:START 1

Description: You can set PDSCH Data Start Symbol in 5G NR Signal Analyzer PDSCH

#### **NR5G:PDSCH:DMRS:ANT:PORT**

Syntax: NR5G:PDSCH:DMRS:ANT:PORT

Parameter/Response:

Example: NR5G:PDSCH:DMRS:ANT:PORT 1000

Description: You can set PDSCH DM-RS Antenna Port in 5G NR Signal Analyzer

#### **NR5G:PDSCH:DMRS:DURation**

Syntax: NR5G:PDSCH:DMRS:DURation

Parameter/Response:

Example: NR5G:PDSCH:DMRS:DURation Single

Description: You can set PDSCH DM-RS DMRS Duration in 5G NR Signal Analyzer

#### **NR5G:PDSCH:DMRS:NSCID**

Syntax: NR5G:PDSCH:DMRS:NSCID

Parameter/Response:

Example: NR5G:PDSCH:DMRS:NSCID 0

Description: You can set PDSCH DM-RS n\_SCID in 5G NR Signal Analyzer

#### **NR5G:PDSCH:DMRS:POSition:ADDitional**

Syntax: NR5G:PDSCH:DMRS:POSition:ADDitional

Parameter/Response:

Example: NR5G:PDSCH:DMRS:POSition:ADDitional pos1

Description: You can set PDSCH DM-RS DMRS Additional Position in 5G NR Signal Analyzer

#### **NR5G:PDSCH:DMRS:POSition:TYPEA**

Syntax: NR5G:PDSCH:DMRS:POSition:TYPEA

Parameter/Response:

Example: NR5G:PDSCH:DMRS:POSition:TYPEA pos2

Description: You can set PDSCH DM-RS DMRS Type A Position in 5G NR Signal Analyzer

#### **NR5G:PDSCH:DMRS:SID**

Syntax: NR5G:PDSCH:DMRS:SID

Parameter/Response:

Example: NR5G:PDSCH:DMRS:SID 0

---

Description: You can set PDSCH DM-RS Scrambling ID in 5G NR Signal Analyzer

#### **NR5G:PDSCH:DMRS:TYPE:CONFiguration**

Syntax: NR5G:PDSCH:DMRS:TYPE:CONFiguration

Parameter/Response:

Example: NR5G:PDSCH:DMRS:TYPE:CONFiguration 1

Description: You can set PDSCH DM-RS Configuration Type in 5G NR Signal Analyzer

#### **NR5G:PDSCH:DMRS:TYPE:MAPping**

Syntax: NR5G:PDSCH:DMRS:TYPE:MAPping

Parameter/Response:

Example: NR5G:PDSCH:DMRS:TYPE:MAPping A

Description: You can set PDSCH DM-RS Mapping Type in 5G NR Signal Analyzer

#### **NR5G:PDSCH:DMRS:TYPE:SEL**

Syntax: NR5G:PDSCH:DMRS:TYPE:SEL

Parameter/Response:

Example: NR5G:PDSCH:DMRS:TYPE:SEL pci

Description: You can set PDSCH DM-RS Select Type in 5G NR Signal Analyzer

#### **NR5G:PDSCH:GRID:SIZE:U**

Syntax: NR5G:PDSCH:GRID:SIZE:U

Parameter/Response:

Example: NR5G:PDSCH:GRID:SIZE:U 273

Description: You can set PDSCH Grid N Size U in 5G NR Signal Analyzer

#### **NR5G:PDSCH:GRID:SIZE:U0**

Syntax: NR5G:PDSCH:GRID:SIZE:U0

Parameter/Response:

Example: NR5G:PDSCH:GRID:SIZE:U0 273

Description: You can set PDSCH Grid N Size U0 in 5G NR Signal Analyzer

#### **NR5G:PDSCH:GRID:START:U**

Syntax: NR5G:PDSCH:GRID:START:U

Parameter/Response:

Example: NR5G:PDSCH:GRID:START:U 0

Description: You can set PDSCH Grid N Start U in 5G NR Signal Analyzer

---

### **NR5G:PDSCH:GRID:START:U0**

Syntax: NR5G:PDSCH:GRID:START:U0

Parameter/Response:

Example: NR5G:PDSCH:GRID:START:U0 0

Description: You can set PDSCH Grid N Start U0 in 5G NR Signal Analyzer

### **NR5G:PDSCH:PTRS**

Syntax: NR5G:PDSCH:PTRS

Parameter/Response:

Example: NR5G:PDSCH:PTRS Disable

Description: You can set PDSCH PTRS Enable/Disable in 5G NR Signal Analyzer

### **NR5G:PDSCH:PTRS:KPTRS**

Syntax: NR5G:PDSCH:PTRS:KPTRS

Parameter/Response:

Example: NR5G:PDSCH:PTRS:KPTRS 2

Description: You can set PDSCH PTRS K\_PTRS in 5G NR Signal Analyzer

### **NR5G:PDSCH:PTRS:LPTRS**

Syntax: NR5G:PDSCH:PTRS:LPTRS

Parameter/Response:

Example: NR5G:PDSCH:PTRS:LPTRS 1

Description: You can set PDSCH PTRS L\_PTRS in 5G NR Signal Analyzer

### **NR5G:PDSCH:PTRS:NRNTI**

Syntax: NR5G:PDSCH:PTRS:NRNTI

Parameter/Response:

Example: NR5G:PDSCH:PTRS:NRNTI 0

Description: You can set PDSCH PTRS n\_RNTI in 5G NR Signal Analyzer

### **NR5G:PDSCH:PTRS:OFFSet:RE**

Syntax: NR5G:PDSCH:PTRS:OFFSet:RE

Parameter/Response:

Example: NR5G:PDSCH:PTRS:OFFSet:RE 1

Description: You can set PDSCH PTRS RE Offset in 5G NR Signal Analyzer

### **NR5G:SYANalysis:L**

Syntax: NR5G:SYANalysis:L

Parameter/Response:

Example: NR5G:SYANalysis:L?

---

Description: You can query L Max for Sync Analysis in 5G NR Signal Analyzer

#### **NR5G:SYANalysis:PCI**

Syntax: NR5G:SYANalysis:PCI

Parameter/Response:

Example: NR5G:SYANalysis:PCI?

Description: You can query Detected PCI for Sync Analysis in 5G NR Signal Analyzer

#### **NR5G:SYANalysis:PCI:DATA**

Syntax: NR5G:SYANalysis:PCI:DATA

Parameter/Response:

Example: NR5G:SYANalysis:PCI:DATA?

Description: You can query PCI for Sync Analysis in 5G NR Signal Analyzer

#### **NR5G:SYANalysis:SCS:DATA**

Syntax: NR5G:SYANalysis:SCS:DATA

Parameter/Response:

Example: NR5G:SYANalysis:SCS:DATA?

Description: You can query SCS for Sync Analysis in 5G NR Signal Analyzer

#### **NR5G:SYANalysis:SCS:SSB**

Syntax: NR5G:SYANalysis:SCS:SSB

Parameter/Response:

Example: NR5G:SYANalysis:SCS:SSB?

Description: You can query SSB SCS for Sync Analysis in 5G NR Signal Analyzer

#### **NR5G:SYANalysis:SRO**

Syntax: NR5G:SYANalysis:SRO

Parameter/Response:

Example: NR5G:SYANalysis:SRO?

Description: You can query Sync Raster Offset for Sync Analysis in 5G NR Signal Analyzer

#### **NR5G:SYANalysis:SSRSRP:DATA**

Syntax: NR5G:SYANalysis:SSRSRP:DATA

Parameter/Response:

Example: NR5G:SYANalysis:SSRSRP:DATA?

Description: You can query S-SS RSRP for Sync Analysis in 5G NR Signal Analyzer

---

### **NR5G:SYANalysis:SSRSRQ:DATA**

Syntax: NR5G:SYANalysis:SSRSRQ:DATA

Parameter/Response:

Example: NR5G:SYANalysis:SSRSRQ:DATA?

Description: You can query S-SS RSRQ for Sync Analysis in 5G NR Signal Analyzer

### **NR5G:SYANalysis:SSSSINR:DATA**

Syntax: NR5G:SYANalysis:SSSSINR:DATA

Parameter/Response:

Example: NR5G:SYANalysis:SSSSINR:DATA?

Description: You can query S-SS SINR for Sync Analysis in 5G NR Signal Analyzer

### **NR5G:SYANalysis:SYERror:DATA**

Syntax: NR5G:SYANalysis:SYERror:DATA

Parameter/Response:

Example: NR5G:SYANalysis:SYERror:DATA?

Description: You can query Sync Error for Sync Analysis in 5G NR Signal Analyzer

### **NR5G:SYANalysis:TIME:DATA**

Syntax: NR5G:SYANalysis:TIME:DATA

Parameter/Response:

Example: NR5G:SYANalysis:TIME:DATA?

Description: You can query Time Error for Sync Analysis in 5G NR Signal Analyzer

### **NR5G:SYROutemap:L**

Syntax: NR5G:SYROutemap:L

Parameter/Response:

Example: NR5G:SYROutemap:L?

Description: You can query L Max for Sync Route Map in 5G NR Signal Analyzer

### **NR5G:SYROutemap:PCI**

Syntax: NR5G:SYROutemap:PCI

Parameter/Response:

Example: NR5G:SYROutemap:PCI?

Description: You can query Detected PCI for Sync Route Map in 5G NR Signal Analyzer

---

### **NR5G:SYROutemap:PCI:DATA**

Syntax: NR5G:SYROutemap:PCI:DATA

Parameter/Response:

Example: NR5G:SYROutemap:PCI:DATA?

Description: You can query PCI for Sync Route Map in 5G NR Signal Analyzer

### **NR5G:SYROutemap:SCS:DATA**

Syntax: NR5G:SYROutemap:SCS:DATA

Parameter/Response:

Example: NR5G:SYROutemap:SCS:DATA?

Description: You can query SCS for Sync Route Map in 5G NR Signal Analyzer

### **NR5G:SYROutemap:SCS:SSB**

Syntax: NR5G:SYROutemap:SCS:SSB

Parameter/Response:

Example: NR5G:SYROutemap:SCS:SSB?

Description: You can query SSB SCS for Sync Route Map in 5G NR Signal Analyzer

### **NR5G:SYROutemap:SRO**

Syntax: NR5G:SYROutemap:SRO

Parameter/Response:

Example: NR5G:SYROutemap:SRO?

Description: You can query Sync Raster Offset for Sync Route Map in 5G NR Signal Analyzer

### **NR5G:SYROutemap:SSRSRP:DATA**

Syntax: NR5G:SYROutemap:SSRSRP:DATA

Parameter/Response:

Example: NR5G:SYROutemap:SSRSRP:DATA?

Description: You can query S-SS RSRP for Sync Route Map in 5G NR Signal Analyzer

### **NR5G:SYROutemap:SSRSRQ:DATA**

Syntax: NR5G:SYROutemap:SSRSRQ:DATA

Parameter/Response:

Example: NR5G:SYROutemap:SSRSRQ:DATA?

Description: You can query S-SS RSRQ for Sync Route Map in 5G NR Signal Analyzer

---

### **NR5G:SYROutemap:SSSSINR:DATA**

Syntax: NR5G:SYROutemap:SSSSINR:DATA

Parameter/Response:

Example: NR5G:SYROutemap:SSSSINR:DATA?

Description: You can query S-SS SINR for Sync Route Map in 5G NR Signal Analyzer

### **NR5G:SYROutemap:SYERror:DATA**

Syntax: NR5G:SYROutemap:SYERror:DATA

Parameter/Response:

Example: NR5G:SYROutemap:SYERror:DATA?

Description: You can query Sync Error for Sync Route Map in 5G NR Signal Analyzer

### **NR5G:SYROutemap:TIME:DATA**

Syntax: NR5G:SYROutemap:TIME:DATA

Parameter/Response:

Example: NR5G:SYROutemap:TIME:DATA?

Description: You can query Time Error for Sync Route Map in 5G NR Signal Analyzer

### **NR5G:FTPv:CHPower**

Syntax: NR5G:FTPv:CHPower

Parameter/Response:

Example: NR5G:FTPv:CHPower?

Description: You can query Channel Power for Freq / Time / Power Variation in 5G NR Signal Analyzer

### **NR5G:PCON:CHPower**

Syntax: NR5G:PCON:CHPower

Parameter/Response:

Example: NR5G:PCON:CHPower?

Description: You can query Channel Power for PDSCH Constellation in 5G NR Signal Analyzer

### **NR5G:PEVM:CHPower**

Syntax: NR5G:PEVM:CHPower

Parameter/Response:

Example: NR5G:PEVM:CHPower?

Description: You can query Channel Power for EVM vs Subcarrier in 5G NR Signal Analyzer



---

### **NR5G:PCON:ERRor:FREQuency:HZ**

Syntax: NR5G:PCON:ERRor:FREQuency:HZ

Parameter/Response:

Example: NR5G:PCON:ERRor:FREQuency:HZ?

Description: You can query Frequency Error by Hz for PDSCH in 5GNR Signal Analyzer

### **NR5G:PEVM:ERRor:FREQuency:HZ**

Syntax: NR5G:PEVM:ERRor:FREQuency:HZ

Parameter/Response:

Example: NR5G:PEVM:ERRor:FREQuency:HZ?

Description: You can query Frequency Error by Hz for PDSCH EVM in 5GNR Signal Analyzer

### **NR5G:FTPV:PCI**

Syntax: NR5G:FTPV:PCI

Parameter/Response:

Example: NR5G:FTPV:PCI?

Description: You can query detected PCI for Freq/Time/Power Variation in 5GNR Signal Analyzer

### **NR5G:PCON:PCI**

Syntax: NR5G:PCON:PCI

Parameter/Response:

Example: NR5G:PCON:PCI?

Description: You can query detected PCI for PDSCH Constellation in 5GNR Signal Analyzer

### **NR5G:PEVM:PCI**

Syntax: NR5G:PEVM:PCI

Parameter/Response:

Example: NR5G:PEVM:PCI?

Description: You can query detected PCI for EVM vs Subcarrier in 5GNR Signal Analyzer

### **NR5G:FTPV:SSRSRP**

Syntax: NR5G:FTPV:SSRSRP

Parameter/Response:

Example: NR5G:FTPV:SSRSRP?

Description: You can query detected PCI for Freq/Time/Power Variation S-SS RSRP in 5GNR Signal Analyzer

---

## LTE Measurement Commands

The commands described in this section concern the functions accessible to configure LTE measurements such as Spectrum, RF, Modulation and OTA measurements. All the commands are functions accessible with the Quick Access and Display tab key of the instrument.

### **LTE:FDD:HW:SOURce:CLOCK:SElect**

Syntax: LTE:FDD:HW:SOURce:CLOCK:SElect

Parameter/Response: External | Internal | GNSS

Description: You can set frequency reference from External, Internal, or GNSS in LTE FDD Analyzer

Example:

### **LTE:TDD:HW:SOURce:CLOCK:SElect**

Syntax: LTE:TDD:HW:SOURce:CLOCK:SElect

Parameter/Response: External | Internal | GNSS

Description: You can set frequency reference from External, Internal, or GNSS in LTE TDD Analyzer

Example:

### **LTE:FDD:CS#:ATTenuation**

Syntax: LTE:FDD:CS#:ATTenuation

Parameter/Response:

Example: LTE:FDD:CS6:ATTenuation?

Description: You can set attenuation of channel scanner in LTE FDD Signal Analyzer

### **LTE:TDD:CS#:ATTenuation**

Syntax: LTE:TDD:CS#:ATTenuation

Parameter/Response:

Example: LTE:TDD:CS6:ATTenuation?

Description: You can set attenuation of channel scanner in LTE TDD Signal Analyzer

### **LTE:FDD:CS#:FIRSt:AMP**

Syntax: LTE:FDD:CS#:FIRSt:AMP

Parameter/Response:

Example: LTE:FDD:CS6:FIRSt:AMP?

Description: You can set preamp 1 of channel scanner in LTE FDD Signal Analyzer

---

### **LTE:TDD:CS#:FIRSt:AMP**

Syntax: LTE:TDD:CS#:FIRSt:AMP

Parameter/Response:

Example: LTE:TDD:CS6:FIRSt:AMP?

Description: You can set preamp 1 of channel scanner in LTE TDD Signal Analyzer

### **LTE:FDD:CS#:SECond:AMP**

Syntax: LTE:FDD:CS#:SECond:AMP

Parameter/Response:

Example: LTE:FDD:CS6:SECond:AMP?

Description: You can set preamp 2 of channel scanner in LTE FDD Signal Analyzer

### **LTE:TDD:CS#:SECond:AMP**

Syntax: LTE:TDD:CS#:SECond:AMP

Parameter/Response:

Example: LTE:TDD:CS6:SECond:AMP?

Description: You can set preamp 2 of channel scanner in LTE TDD Signal Analyzer

### **LTE:FDD:GNSS:MODE**

Syntax: LTE:FDD:GNSS:MODE

Parameter/Response: UTC|UTC2000|UTC3000|UTC5000

Example: LTE:FDD:GNSS:MODE UTC2000| LTE:FDD:GNSS:MODE?

Description: You can set or query GNSS Trigger mode in LTE FDD Signal Analyzer

### **LTE:TDD:GNSS:MODE**

Syntax: LTE:TDD:GNSS:MODE

Parameter/Response: UTC|UTC2000|UTC3000|UTC5000

Example: LTE:TDD:GNSS:MODE UTC2000| LTE:TDD:GNSS:MODE?

Description: You can set or query GNSS Trigger mode in LTE TDD Signal Analyzer

### **LTE:FDD:ACP:JUDGE**

Syntax: LTE:FDD:ACP:JUDGE

Parameter/Response:

Description: You can query pass or fail for Adjacent Channel Power in LTE FDD Analyzer

Example:

LTE:FDD:ACP:JUDGE?

---

### **LTE:TDD:ACP:JUDGe**

Syntax: LTE:TDD:ACP:JUDGe

Parameter/Response:

Description: You can query pass or fail for Adjacent Channel Power in LTE TDD Analyzer

Example:

LTE:TDD:ACP:JUDGe?

### **LTE:FDD:TAE:AVAlable:ANTenna#**

Syntax: LTE:FDD:TAE:AVAlable:ANTenna#

Parameter/Response:

Description: You can query if antenna# is available in Time Alignment Error measurement of LTE FDD Analyzer

Example:

LTE:FDD:TAE:AVAlable:ANTenna3?

### **LTE:TDD:TAE:AVAlable:ANTenna#**

Syntax: LTE:TDD:TAE:AVAlable:ANTenna#

Parameter/Response:

Description: You can query if antenna# is available in Time Alignment Error measurement of LTE TDD Analyzer

Example:

LTE:TDD:TAE:AVAlable:ANTenna3?

### **LTE:FDD:CA:JUDGe**

Syntax: LTE:FDD:CA:JUDGe

Parameter/Response:

Description: You can query pass or fail for Carrier Aggregation in LTE FDD Analyzer

Example:

LTE:FDD:CA:JUDGe?

### **LTE:TDD:CA:JUDGe**

Syntax: LTE:TDD:CA:JUDGe

Parameter/Response:

Description: You can query pass or fail for Carrier Aggregation in LTE TDD Analyzer

Example:

LTE:FDD:CA:JUDGe?

### **LTE:FDD:CA:MODulation:JUDGe**

Syntax: LTE:FDD:CA:MODulation:JUDGe

Parameter/Response:

---

Description: You can query pass or fail for the Modulation in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:MODulation:JUDGE?`

#### **LTE:TDD:CA:MODulation:JUDGE**

Syntax: `LTE:TDD:CA:MODulation:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the Modulation in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:MODulation:JUDGE?`

#### **LTE:FDD:CA:SPECTrum:JUDGE**

Syntax: `LTE:FDD:CA:SPECTrum:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the Spectrum in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:SPECTrum:JUDGE?`

#### **LTE:TDD:CA:SPECTrum:JUDGE**

Syntax: `LTE:TDD:CA:SPECTrum:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the Spectrum in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:SPECTrum:JUDGE?`

#### **LTE:FDD:CA:CHANnel:BW:CC#**

Syntax: `LTE:FDD:CA:CHANnel:BW:CC#`

Parameter/Response:

Description: You can query Channel Bandwidth of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:BW:CC05?`

#### **LTE:TDD:CA:CHANnel:BW:CC#**

Syntax: `LTE:TDD:CA:CHANnel:BW:CC#`

Parameter/Response:

Description: You can query Channel Bandwidth of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:BW:CC05?`

---

### **LTE:FDD:CHANnel:POWer:JUDGe**

Syntax: LTE:FDD:CHANnel:POWer:JUDGe

Parameter/Response:

Description: You can query pass or fail for Channel Power in LTE FDD Analyzer

Example:

LTE:FDD:CHANnel:POWer:JUDGe?

### **LTE:TDD:CHANnel:POWer:JUDGe**

Syntax: LTE:TDD:CHANnel:POWer:JUDGe

Parameter/Response:

Description: You can query pass or fail for Channel Power in LTE TDD Analyzer

Example:

LTE:TDD:CHANnel:POWer:JUDGe?

### **LTE:FDD:FRAMe:CHANnel:POWer:PB:JUDGe**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:PB:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PBCH Channel Power in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:CHANnel:POWer:PB:JUDGe?

### **LTE:FDD:CA:CHANnel:POWer:PB:CC#:JUDGe**

Syntax: LTE:FDD:CA:CHANnel:POWer:PB:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PBCH Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:PB:CC05:JUDGe?

### **LTE:TDD:CA:CHANnel:POWer:PB:CC#:JUDGe**

Syntax: LTE:TDD:CA:CHANnel:POWer:PB:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PBCH Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:PB:CC05:JUDGe?

### **LTE:FDD:FRAMe:CHANnel:POWer:PSS:JUDGe**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:PSS:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PSS Channel Power in Frame measurement of LTE FDD Analyzer

---

Example:

LTE:FDD:FRAME:CHANnel:POWer:PSS:JUDGe?

#### **LTE:FDD:CA:CHANnel:POWer:PSS:CC#:JUDGe**

Syntax: LTE:FDD:CA:CHANnel:POWer:PSS:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PSS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:PSS:CC05:JUDGe?

#### **LTE:TDD:CA:CHANnel:POWer:PSS:CC#:JUDGe**

Syntax: LTE:TDD:CA:CHANnel:POWer:PSS:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PSS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:PSS:CC05:JUDGe?

#### **LTE:FDD:FRAME:CHANnel:POWer:RS:JUDGe**

Syntax: LTE:FDD:FRAME:CHANnel:POWer:RS:JUDGe

Parameter/Response:

Description: You can query pass or fail for the RS Channel Power in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:CHANnel:POWer:RS:JUDGe?

#### **LTE:FDD:CA:CHANnel:POWer:RS:CC#:JUDGe**

Syntax: LTE:FDD:CA:CHANnel:POWer:RS:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the RS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:RS:CC05:JUDGe?

#### **LTE:TDD:CA:CHANnel:POWer:RS:CC#:JUDGe**

Syntax: LTE:TDD:CA:CHANnel:POWer:RS:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the RS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:RS:CC05:JUDGe?

---

### **LTE:FDD:FRAME:CHANnel:POWer:SSS:JUDGe**

Syntax: LTE:FDD:FRAME:CHANnel:POWer:SSS:JUDGe

Parameter/Response:

Description: You can query pass or fail for the SSS Channel Power in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:CHANnel:POWer:SSS:JUDGe?

### **LTE:FDD:CA:CHANnel:POWer:SSS:CC#:JUDGe**

Syntax: LTE:FDD:CA:CHANnel:POWer:SSS:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the SSS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:SSS:CC05:JUDGe?

### **LTE:TDD:CA:CHANnel:POWer:SSS:CC#:JUDGe**

Syntax: LTE:TDD:CA:CHANnel:POWer:SSS:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the SSS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:SSS:CC05:JUDGe?

### **LTE:FDD:CA:CHANnel:POWer:SUBFrame:CC#:JUDGe**

Syntax: LTE:FDD:CA:CHANnel:POWer:SUBFrame:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the Subframe Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:SUBFrame:CC05:JUDGe?

### **LTE:TDD:CA:CHANnel:POWer:SUBFrame:CC#:JUDGe**

Syntax: LTE:TDD:CA:CHANnel:POWer:SUBFrame:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the Subframe Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:SUBFrame:CC05:JUDGe?

### **LTE:FDD:CHANnel:POWer**

Syntax: LTE:FDD:CHANnel:POWer

Parameter/Response:



---

Description: You can query Channel Power in LTE FDD Analyzer

Example:

`LTE:FDD:CHANnel:POWer?`

#### **LTE:TDD:CHANnel:POWer**

Syntax: `LTE:TDD:CHANnel:POWer`

Parameter/Response:

Description: You can query Channel Power in LTE TDD Analyzer

Example:

`LTE:TDD:CHANnel:POWer?`

#### **LTE:FDD:SUBFrame:POWer:QAM16**

Syntax: `LTE:FDD:SUBFrame:POWer:QAM16`

Parameter/Response:

Description: You can query Power of QAM16 PDSCH in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:POWer:QAM16?`

#### **LTE:TDD:SUBFrame:POWer:QAM16**

Syntax: `LTE:TDD:SUBFrame:POWer:QAM16`

Parameter/Response:

Description: You can query Power of QAM16 in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:POWer:QAM16?`

#### **LTE:FDD:CA:CHANnel:POWer:QAM16:CC#**

Syntax: `LTE:FDD:CA:CHANnel:POWer:QAM16:CC#`

Parameter/Response:

Description: You can query QAM16 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:QAM16:CC05?`

#### **LTE:TDD:CA:CHANnel:POWer:QAM16:CC#**

Syntax: `LTE:TDD:CA:CHANnel:POWer:QAM256:CC#`

Parameter/Response:

Description: You can query QAM16 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:QAM256:CC05?`

---

### **LTE:FDD:SUBFrame:POWer:QAM256**

Syntax: LTE:FDD:SUBFrame:POWer:QAM256

Parameter/Response:

Description: You can query Power of QAM256 in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:POWer:QAM256?

### **LTE:TDD:SUBFrame:POWer:QAM256**

Syntax: LTE:TDD:SUBFrame:POWer:QAM256

Parameter/Response:

Description: You can query Power of QAM256 in Subframe measurement of LTE TDD Analyzer

Example:

LTE:TDD:SUBFrame:POWer:QAM256?

### **LTE:FDD:CA:CHANnel:POWer:QAM256:CC#**

Syntax: LTE:FDD:CA:CHANnel:POWer:QAM256:CC#

Parameter/Response:

Description: You can query QAM256 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:QAM256:CC05?

### **LTE:TDD:CA:CHANnel:POWer:QAM256:CC#**

Syntax: LTE:TDD:CA:CHANnel:POWer:QAM256:CC#

Parameter/Response:

Description: You can query QAM256 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:QAM256:CC05?

### **LTE:FDD:SUBFrame:POWer:QAM64**

Syntax: LTE:FDD:SUBFrame:POWer:QAM64

Parameter/Response:

Description: You can query Power of QAM64 in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:POWer:QAM64?

### **LTE:TDD:SUBFrame:POWer:QAM64**

Syntax: LTE:TDD:SUBFrame:POWer:QAM64

Parameter/Response:

---

Description: You can query Power of QAM64 in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:POWer:QAM64?`

#### **LTE:FDD:CA:CHANnel:POWer:QAM64:CC#**

Syntax: `LTE:FDD:CA:CHANnel:POWer:QAM64:CC#`

Parameter/Response:

Description: You can query QAM64 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:QAM64:CC05?`

#### **LTE:TDD:CA:CHANnel:POWer:QAM64:CC#**

Syntax: `LTE:TDD:CA:CHANnel:POWer:QAM64:CC#`

Parameter/Response:

Description: You can query QAM64 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:QAM64:CC05?`

#### **LTE:FDD:FRAMe:CHANnel:POWer:MBMS**

Syntax: `LTE:FDD:FRAMe:CHANnel:POWer:MBMS`

Parameter/Response:

Description: You can query Channel Power of MBMS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:CHANnel:POWer:MBMS?`

#### **LTE:FDD:CA:CHANnel:POWer:MBMS:CC#**

Syntax: `LTE:FDD:CA:CHANnel:POWer:MBMS:CC#`

Parameter/Response:

Description: You can query MBMS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:MBMS:CC05?`

#### **LTE:TDD:CA:CHANnel:POWer:MBMS:CC#**

Syntax: `LTE:TDD:CA:CHANnel:POWer:MBMS:CC#`

Parameter/Response:

Description: You can query MBMS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:MBMS:CC05?`

---

#### **LTE:FDD:FRAME:CHANnel:POWer:PB**

Syntax: LTE:FDD:FRAME:CHANnel:POWer:PB

Parameter/Response:

Description: You can query Channel Power of PBCH in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:CHANnel:POWer:PB?

#### **LTE:FDD:CA:CHANnel:POWer:PB:CC#**

Syntax: LTE:FDD:CA:CHANnel:POWer:PB:CC#

Parameter/Response:

Description: You can query PBCH Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:PB:CC05?

#### **LTE:TDD:CA:CHANnel:POWer:PB:CC#**

Syntax: LTE:TDD:CA:CHANnel:POWer:PB:CC#

Parameter/Response:

Description: You can query PBCH Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:PB:CC05?

#### **LTE:FDD:FRAME:CHANnel:POWer:PCFI**

Syntax: LTE:FDD:FRAME:CHANnel:POWer:PCFI

Parameter/Response:

Description: You can query PCFICH Power in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:CHANnel:POWer:PCFI?

#### **LTE:FDD:CA:CHANnel:POWer:PCFI:CC#**

Syntax: LTE:FDD:CA:CHANnel:POWer:PCFI:CC#

Parameter/Response:

Description: You can query PCFICH Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:PCFI:CC05?

#### **LTE:TDD:CA:CHANnel:POWer:PCFI:CC#**

Syntax: LTE:TDD:CA:CHANnel:POWer:PCFI:CC#

Parameter/Response:

---

Description: You can query PCFICH Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:PCFI:CC05?`

#### **LTE:FDD:FRAME:CHANnel:POWer:PDC**

Syntax: `LTE:FDD:FRAME:CHANnel:POWer:PDC`

Parameter/Response:

Description: You can query Channel Power of PDCCH in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:CHANnel:POWer:PDC?`

#### **LTE:FDD:FRAME:CHANnel:POWer:PDS:QAM16**

Syntax: `LTE:FDD:FRAME:CHANnel:POWer:PDS:QAM16`

Parameter/Response:

Description: You can query Channel Power of PDSCH QAM16 in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:CHANnel:POWer:PDS:QAM16?`

#### **LTE:FDD:FRAME:CHANnel:POWer:PDS:QAM256**

Syntax: `LTE:FDD:FRAME:CHANnel:POWer:PDS:QAM256`

Parameter/Response:

Description: You can query Channel Power of PDSCH QAM256 in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:CHANnel:POWer:PDS:QAM256?`

#### **LTE:FDD:FRAME:CHANnel:POWer:PDS:QAM64**

Syntax: `LTE:FDD:FRAME:CHANnel:POWer:PDS:QAM64`

Parameter/Response:

Description: You can query Channel Power of PDSCH QAM64 in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:CHANnel:POWer:PDS:QAM64?`

#### **LTE:FDD:FRAME:CHANnel:POWer:PDS:QPSK**

Syntax: `LTE:FDD:FRAME:CHANnel:POWer:PDS:QPSK`

Parameter/Response:

Description: You can query Channel Power of PDSCH QPSK in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:CHANnel:POWer:PDS:QPSK?`

---

#### **LTE:FDD:FRAMe:CHANnel:POWer:PHI**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:PHI

Parameter/Response:

Description: You can query Channel Power of PHICH in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:CHANnel:POWer:PHI?

#### **LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QAM16**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QAM16

Parameter/Response:

Description: You can query Channel Power of PMCH QAM16 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QAM16?

#### **LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QAM256**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QAM256

Parameter/Response:

Description: You can query Channel Power of PMCH QAM256 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QAM256?

#### **LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QAM64**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QAM64

Parameter/Response:

Description: You can query Channel Power of PMCH QAM64 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QAM64?

#### **LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QPSK**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QPSK

Parameter/Response:

Description: You can query Channel Power of PMCH QPSK in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:CHANnel:POWer:PMCH:QPSK?

#### **LTE:FDD:FRAMe:CHANnel:POWer:PSS**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:PSS

Parameter/Response:

---

Description: You can query Channel Power of PSS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:CHANnel:POWer:PSS?`

#### **LTE:FDD:CA:CHANnel:POWer:PSS:CC#**

Syntax: `LTE:FDD:CA:CHANnel:POWer:PSS:CC#`

Parameter/Response:

Description: You can query PSS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:PSS:CC05?`

#### **LTE:TDD:CA:CHANnel:POWer:PSS:CC#**

Syntax: `LTE:TDD:CA:CHANnel:POWer:PSS:CC#`

Parameter/Response:

Description: You can query PSS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:PSS:CC05?`

#### **LTE:FDD:SUBFrame:POWer:QPSK**

Syntax: `LTE:FDD:SUBFrame:POWer:QPSK`

Parameter/Response:

Description: You can query Channel Power of QPSK in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:POWer:QPSK?`

#### **LTE:TDD:SUBFrame:POWer:QPSK**

Syntax: `LTE:TDD:SUBFrame:POWer:QPSK`

Parameter/Response:

Description: You can query Channel Power of QPSK in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:POWer:QPSK?`

#### **LTE:FDD:CA:CHANnel:POWer:QPSK:CC#**

Syntax: `LTE:FDD:CA:CHANnel:POWer:QPSK:CC#`

Parameter/Response:

Description: You can query QPSK Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:QPSK:CC05?`

---

#### **LTE:TDD:CA:CHANnel:POWer:QPSK:CC#**

Syntax: LTE:TDD:CA:CHANnel:POWer:QPSK:CC#

Parameter/Response:

Description: You can query QPSK Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:QPSK:CC05?

#### **LTE:FDD:FRAMe:CHANnel:POWer:RS**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:RS

Parameter/Response:

Description: You can query Channel Power of RS in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:CHANnel:POWer:RS?

#### **LTE:FDD:SUBFrame:POWer:RS#**

Syntax: LTE:FDD:SUBFrame:POWer:RS#

Parameter/Response:

Description: You can query Power of RS# (0,1,2,3) in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:POWer:RS3?

#### **LTE:TDD:SUBFrame:POWer:RS**

Syntax: LTE:TDD:SUBFrame:POWer:RS

Parameter/Response:

Example: LTE:TDD:SUBFrame:POWer:RS?

Description: You can query Channel Power of RS in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:POWer:RS#**

Syntax: LTE:TDD:SUBFrame:POWer:RS#

Parameter/Response:

Description: You can query Power of RS# (0,1,2,3) in Subframe measurement of LTE TDD Analyzer

Example:

LTE:TDD:SUBFrame:POWer:RS3?

#### **LTE:FDD:FRAMe:CHANnel:POWer:RS0**

Syntax: LTE:FDD:FRAMe:CHANnel:POWer:RS0

Parameter/Response:



---

Description: You can query Channel Power of RS0 in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:CHANnel:POWer:RS0?`

#### **LTE:FDD:CA:CHANnel:POWer:RS0:CC#**

Syntax: `LTE:FDD:CA:CHANnel:POWer:RS0:CC#`

Parameter/Response:

Description: You can query RS0 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:RS0:CC05?`

#### **LTE:TDD:CA:CHANnel:POWer:RS0:CC#**

Syntax: `LTE:TDD:CA:CHANnel:POWer:RS0:CC#`

Parameter/Response:

Description: You can query RS0 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:RS0:CC05?`

#### **LTE:FDD:FRAMe:CHANnel:POWer:RS1**

Syntax: `LTE:FDD:FRAMe:CHANnel:POWer:RS1`

Parameter/Response:

Description: You can query Channel Power of RS1 in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:CHANnel:POWer:RS1?`

#### **LTE:FDD:CA:CHANnel:POWer:RS1:CC#**

Syntax: `LTE:FDD:CA:CHANnel:POWer:RS1:CC#`

Parameter/Response:

Description: You can query RS1 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:RS1:CC05?`

#### **LTE:TDD:CA:CHANnel:POWer:RS1:CC#**

Syntax: `LTE:TDD:CA:CHANnel:POWer:RS1:CC#`

Parameter/Response:

Description: You can query RS1 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:RS1:CC05?`

---

### **LTE:FDD:FRAME:CHANnel:POWer:RS2**

Syntax: LTE:FDD:FRAME:CHANnel:POWer:RS2

Parameter/Response:

Description: You can query Channel Power of RS2 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:CHANnel:POWer:RS2?

### **LTE:FDD:CA:CHANnel:POWer:RS2:CC#**

Syntax: LTE:FDD:CA:CHANnel:POWer:RS2:CC#

Parameter/Response:

Description: You can query RS2 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:RS2:CC05?

### **LTE:TDD:CA:CHANnel:POWer:RS2:CC#**

Syntax: LTE:TDD:CA:CHANnel:POWer:RS2:CC#

Parameter/Response:

Description: You can query RS2 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:RS2:CC05?

### **LTE:FDD:FRAME:CHANnel:POWer:RS3**

Syntax: LTE:FDD:FRAME:CHANnel:POWer:RS3

Parameter/Response:

Description: You can query Channel Power of RS3 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:CHANnel:POWer:RS3?

### **LTE:FDD:CA:CHANnel:POWer:RS3:CC#**

Syntax: LTE:FDD:CA:CHANnel:POWer:RS3:CC#

Parameter/Response:

Description: You can query RS3 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:RS3:CC05?

### **LTE:TDD:CA:CHANnel:POWer:RS3:CC#**

Syntax: LTE:TDD:CA:CHANnel:POWer:RS3:CC#

Parameter/Response:

---

Description: You can query RS3 Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:RS3:CC05?`

#### **LTE:FDD:CA:CHANnel:POWer:RS:CC#**

Syntax: `LTE:FDD:CA:CHANnel:POWer:RS:CC#`

Parameter/Response:

Description: You can query RS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:RS:CC05?`

#### **LTE:TDD:CA:CHANnel:POWer:RS:CC#**

Syntax: `LTE:TDD:CA:CHANnel:POWer:RS:CC#`

Parameter/Response:

Description: You can query RS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:RS:CC05?`

#### **LTE:FDD:FRAMe:CHANnel:POWer:SSS**

Syntax: `LTE:FDD:FRAMe:CHANnel:POWer:SSS`

Parameter/Response:

Description: You can query Channel Power of SSS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:CHANnel:POWer:SSS?`

#### **LTE:FDD:CA:CHANnel:POWer:SSS:CC#**

Syntax: `LTE:FDD:CA:CHANnel:POWer:SSS:CC#`

Parameter/Response:

Description: You can query SSS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:SSS:CC05?`

#### **LTE:TDD:CA:CHANnel:POWer:SSS:CC#**

Syntax: `LTE:TDD:CA:CHANnel:POWer:SSS:CC#`

Parameter/Response:

Description: You can query SSS Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:SSS:CC05?`

---

#### **LTE:FDD:CA:CHANnel:POWer:SUBFrame:CC#**

Syntax: LTE:FDD:CA:CHANnel:POWer:SUBFrame:CC#

Parameter/Response:

Description: You can query Subframe Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:SUBFrame:CC05?

#### **LTE:TDD:CA:CHANnel:POWer:SUBFrame:CC#**

Syntax: LTE:TDD:CA:CHANnel:POWer:SUBFrame:CC#

Parameter/Response:

Description: You can query Subframe Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:SUBFrame:CC05?

#### **LTE:FDD:FRAME:CHANnel:POWer:UNALlocated**

Syntax: LTE:FDD:FRAME:CHANnel:POWer:UNALlocated

Parameter/Response:

Description: You can query Channel Power of Unallocated in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:CHANnel:POWer:UNALlocated?

#### **LTE:FDD:CA:CHANnel:POWer:CC#:JUDGE**

Syntax: LTE:FDD:CA:CHANnel:POWer:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CHANnel:POWer:CC05:JUDGE?

#### **LTE:TDD:CA:CHANnel:POWer:CC#:JUDGE**

Syntax: LTE:TDD:CA:CHANnel:POWer:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CHANnel:POWer:CC05:JUDGE?

#### **LTE:FDD:CA:CHANnel:POWer:CC#**

Syntax: LTE:FDD:CA:CHANnel:POWer:CC#

Parameter/Response:

---

Description: You can query Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CHANnel:POWer:CC05?`

#### **LTE:TDD:CA:CHANnel:POWer:CC#**

Syntax: `LTE:TDD:CA:CHANnel:POWer:CC#`

Parameter/Response:

Description: You can query Channel Power of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CHANnel:POWer:CC05?`

#### **LTE:FDD:CONTRol:CHANnel:CONStellation:DATA:SIZE**

Syntax: `LTE:FDD:CONTRol:CHANnel:CONStellation:DATA:SIZE`

Parameter/Response:

Description: You can query Constellation Data Size in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:CONStellation:DATA:SIZE?`

#### **LTE:TDD:CONTRol:CHANnel:CONStellation:DATA:SIZE**

Syntax: `LTE:TDD:CONTRol:CHANnel:CONStellation:DATA:SIZE`

Parameter/Response:

Description: You can query Constellation Data Size in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:CONStellation:DATA:SIZE?`

#### **LTE:FDD:CA:CONStellation:DATA:SIZE:CC#**

Syntax: `LTE:FDD:CA:CONStellation:DATA:SIZE:CC#`

Parameter/Response:

Description: You can query Constellation Data Size of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CONStellation:DATA:SIZE:CC05?`

#### **LTE:TDD:CA:CONStellation:DATA:SIZE:CC#**

Syntax: `LTE:TDD:CA:CONStellation:DATA:SIZE:CC#`

Parameter/Response:

Description: You can query Constellation Data Size of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CONStellation:DATA:SIZE:CC05?`

---

#### **LTE:FDD:CA:CONStellation:I:CC#**

Syntax: LTE:FDD:CA:CONStellation:I:CC#

Parameter/Response:

Description: You can query Constellation I Data of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CONStellation:I:CC05?

#### **LTE:TDD:CA:CONStellation:I:CC#**

Syntax: LTE:TDD:CA:CONStellation:I:CC#

Parameter/Response:

Description: You can query Constellation I Data of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CONStellation:I:CC05?

#### **LTE:FDD:CONStellation:JUDGE**

Syntax: LTE:FDD:CONStellation:JUDGE

Parameter/Response:

Description: You can query pass or fail for Constellation in LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:JUDGE?

#### **LTE:TDD:CONStellation:JUDGE**

Syntax: LTE:TDD:CONStellation:JUDGE

Parameter/Response:

Description: You can query pass or fail for Constellation in LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:JUDGE?

#### **LTE:FDD:CA:CONStellation:Q:CC#**

Syntax: LTE:FDD:CA:CONStellation:Q:CC#

Parameter/Response:

Description: You can query Constellation Q Data of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CONStellation:Q:CC05?

#### **LTE:TDD:CA:CONStellation:Q:CC#**

Syntax: LTE:TDD:CA:CONStellation:Q:CC#

Parameter/Response:

Description: You can query Constellation Q Data of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

---

Example:

`LTE:TDD:CA:CONStellation:Q:CC05?`

#### **LTE:FDD:CONTRol:CHANnel:JUDGe**

Syntax: `LTE:FDD:CONTRol:CHANnel:JUDGe`

Parameter/Response:

Description: You can query pass or fail for Control Channel in LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:JUDGe?`

#### **LTE:TDD:CONTRol:CHANnel:JUDGe**

Syntax: `LTE:TDD:CONTRol:CHANnel:JUDGe`

Parameter/Response:

Description: You can query pass or fail for Control Channel in LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:JUDGe?`

#### **LTE:FDD:OTA:DATAgram:CURSor:COUNT**

Syntax: `LTE:FDD:OTA:DATAgram:CURSor:COUNT`

Parameter/Response:

Description: You can query total number of Cursor in OTA Datagram measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:DATAgram:CURSor:COUNT?`

#### **LTE:TDD:OTA:DATAgram:CURSor:COUNT**

Syntax: `LTE:TDD:OTA:DATAgram:CURSor:COUNT`

Parameter/Response:

Description: You can query total number of Cursor in OTA Datagram measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:DATAgram:CURSor:COUNT?`

#### **LTE:FDD:OTA:DATAgram:UPDate:COUNT**

Syntax: `LTE:FDD:OTA:DATAgram:UPDate:COUNT`

Parameter/Response:

Description: You can query number of accumulated data in OTA Datagram measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:DATAgram:UPDate:COUNT?`

#### **LTE:TDD:OTA:DATAgram:UPDate:COUNT**

Syntax: `LTE:TDD:OTA:DATAgram:UPDate:COUNT`

Parameter/Response:

---

Description: You can query number of accumulated data in OTA Datagram measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:DATAGram:UPDate:COUNT?`

#### **LTE:FDD:CCDF:CRESt:FACTor**

Syntax: `LTE:FDD:CCDF:CRESt:FACTor`

Parameter/Response:

Description: You can query Crest Factor in CCDF measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CCDF:CRESt:FACTor?`

#### **LTE:TDD:CCDF:CRESt:FACTor**

Syntax: `LTE:TDD:CCDF:CRESt:FACTor`

Parameter/Response:

Description: You can query Crest Factor in CCDF measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CCDF:CRESt:FACTor?`

#### **LTE:FDD:SPECtrum:AVERage**

Syntax: `LTE:FDD:SPECtrum:AVERage`

Parameter/Response:

Description: You can query Average number in Spectrum measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SPECtrum:AVERage?`

#### **LTE:TDD:SPECtrum:AVERage**

Syntax: `LTE:TDD:SPECtrum:AVERage`

Parameter/Response:

Description: You can query Average number in Spectrum measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SPECtrum:AVERage?`

#### **LTE:FDD:CHANnel:POWER:AVERage**

Syntax: `LTE:FDD:CHANnel:POWER:AVERage`

Parameter/Response:

Description: You can query Average number in Channel Power measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CHANnel:POWER:AVERage?`



---

### **LTE:TDD:CHANnel:POWEr:AVERage**

Syntax: LTE:TDD:CHANnel:POWEr:AVERage

Parameter/Response:

Description: You can query Average number in Channel Power measurement of LTE TDD Analyzer

Example:

LTE:TDD:CHANnel:POWEr:AVERage?

### **LTE:FDD:OCCUpied:BW:AVERage**

Syntax: LTE:FDD:OCCUpied:BW:AVERage

Parameter/Response:

Description: You can query Average number in Occupied Bandwidth measurement of LTE FDD Analyzer

Example:

LTE:FDD:OCCUpied:BW:AVERage?

### **LTE:TDD:OCCUpied:BW:AVERage**

Syntax: LTE:TDD:OCCUpied:BW:AVERage

Parameter/Response:

Description: You can query Average number in Occupied Bandwidth measurement of LTE TDD Analyzer

Example:

LTE:TDD:OCCUpied:BW:AVERage?

### **LTE:FDD:ACP:AVERage**

Syntax: LTE:FDD:ACP:AVERage

Parameter/Response:

Description: You can query Average number in Adjacent Channel Power of LTE FDD Analyzer

Example:

LTE:FDD:ACP:AVERage?

### **LTE:TDD:ACP:AVERage**

Syntax: LTE:TDD:ACP:AVERage

Parameter/Response:

Description: You can query Average number in Adjacent Channel Power of LTE TDD Analyzer

Example:

LTE:TDD:ACP:AVERage?

### **LTE:FDD:SEM:AVERage**

Syntax: LTE:FDD:SEM:AVERage

Parameter/Response:

---

Description: You can query Average number in Spectrum Emmission Mask of LTE FDD Analyzer

Example:

LTE:FDD:SEM:AVERage?

#### **LTE:TDD:SEM:AVERage**

Syntax: LTE:TDD:SEM:AVERage

Parameter/Response:

Description: You can query Average number in Spectrum Emmission Mask of LTE TDD Analyzer

Example:

LTE:TDD:SEM:AVERage?

#### **LTE:FDD:MACP:AVERage**

Syntax: LTE:FDD:MACP:AVERage

Parameter/Response:

Description: You can query Average number in Multi-ACP of LTE FDD Analyzer

Example:

LTE:FDD:MACP:AVERage?

#### **LTE:TDD:MACP:AVERage**

Syntax: LTE:TDD:MACP:AVERage

Parameter/Response:

Description: You can query Average number in Multi-ACP of LTE TDD Analyzer

Example:

LTE:TDD:MACP:AVERage?

#### **LTE:FDD:SE:AVERage**

Syntax: LTE:FDD:SE:AVERage

Parameter/Response:

Description: You can query Average number in Spurious Emissions of LTE FDD Analyzer

Example:

LTE:FDD:SE:AVERage?

#### **LTE:TDD:SE:AVERage**

Syntax: LTE:TDD:SE:AVERage

Parameter/Response:

Description: You can query Average number in Spurious Emissions in LTE TDD Analyzer

Example:

LTE:TDD:SE:AVERage?

---

### **LTE:FDD:CA:CURRent:MEASured:NUMBer**

Syntax: LTE:FDD:CA:CURRent:MEASured:NUMBer

Parameter/Response:

Description: You can query current measured CC number in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:CURRent:MEASured:NUMBer?

### **LTE:TDD:CA:CURRent:MEASured:NUMBer**

Syntax: LTE:TDD:CA:CURRent:MEASured:NUMBer

Parameter/Response:

Description: You can query current measured CC number in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:CURRent:MEASured:NUMBer?

### **LTE:FDD:CCDF:DATA**

Syntax: LTE:FDD:CCDF:DATA

Parameter/Response:

Description: You can query CCDF(Complementary Cumulative Distribution Function) Data in LTE FDD Analyzer

Example:

LTE:FDD:CCDF:DATA?

### **LTE:TDD:CCDF:DATA**

Syntax: LTE:TDD:CCDF:DATA

Parameter/Response:

Description: You can query CCDF(Complementary Cumulative Distribution Function) Data in LTE TDD Analyzer

Example:

LTE:TDD:CCDF:DATA?

### **LTE:FDD:DATA:CHANnel:JUDGe**

Syntax: LTE:FDD:DATA:CHANnel:JUDGe

Parameter/Response:

Description: You can query pass or fail for Data Channel in LTE FDD Analyzer

Example:

LTE:FDD:DATA:CHANnel:JUDGe?

### **LTE:TDD:DATA:CHANnel:JUDGe**

Syntax: LTE:TDD:DATA:CHANnel:JUDGe

Parameter/Response:

Description: You can query pass or fail for Data Channel in LTE TDD Analyzer

---

Example:

LTE:TDD:DATA:CHANnel:JUDGe?

#### **LTE:FDD:OTA:DATAgram:DATA:UTILization**

Syntax: LTE:FDD:OTA:DATAgram:DATA:UTILization

Parameter/Response:

Description: You can query Data Utilization in OTA Datagram measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:DATAgram:DATA:UTILization?

#### **LTE:TDD:OTA:DATAgram:DATA:UTILization**

Syntax: LTE:TDD:OTA:DATAgram:DATA:UTILization

Parameter/Response:

Description: You can query Data Utilization in OTA Datagram measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:DATAgram:DATA:UTILization?

#### **LTE:FDD:OTA:DATAgram:CURSor:DATE**

Syntax: LTE:FDD:OTA:DATAgram:CURSor:DATE

Parameter/Response:

Description: You can query Date of Cursor in OTA Datagram measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:DATAgram:CURSor:DATE?

#### **LTE:TDD:OTA:DATAgram:CURSor:DATE**

Syntax: LTE:TDD:OTA:DATAgram:CURSor:DATE

Parameter/Response:

Description: You can query Date of Cursor in OTA Datagram measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:DATAgram:CURSor:DATE?

#### **LTE:FDD:OTA:MULTipath:RS:MBMS:DElay:ORDer#**

Syntax: LTE:FDD:OTA:MULTipath:RS:MBMS:DElay:ORDer#

Parameter/Response:

Description: You can query MBMS RS Delay in OTA Multipath profile measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:MULTipath:RS:MBMS:DElay:ORDer06?

---

#### **LTE:TDD:OTA:MULTipath:RS:MBMS:DELaY:ORDeR#**

Syntax: LTE:TDD:OTA:MULTipath:RS:MBMS:DELaY:ORDeR#

Parameter/Response:

Description: You can query MBMS RS Delay in OTA Multipath profile measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:MULTipath:RS:MBMS:DELaY:ORDeR06?

#### **LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna0#**

Syntax: LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna0#

Parameter/Response:

Example: LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna006?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of LTE FDD Analyzer

#### **LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna1#**

Syntax: LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna1#

Parameter/Response:

Example: LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna106?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of LTE FDD Analyzer

#### **LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna2#**

Syntax: LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna2#

Parameter/Response:

Example: LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna206?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of LTE FDD Analyzer

#### **LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna3#**

Syntax: LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna3#

Parameter/Response:

Example: LTE:FDD:OTA:MULTipath:RS:DELaY:ANTenna306?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of LTE FDD Analyzer

#### **LTE:TDD:OTA:MULTipath:RS:DELaY:ANTenna0#**

Syntax: LTE:TDD:OTA:MULTipath:RS:DELaY:ANTenna0#

Parameter/Response:

Example: LTE:TDD:OTA:MULTipath:RS:DELaY:ANTenna006?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of LTE FDD Analyzer

---

### **LTE:TDD:OTA:MULTipath:RS:DElay:ANTenna1#**

Syntax: LTE:TDD:OTA:MULTipath:RS:DElay:ANTenna1#

Parameter/Response:

Example: LTE:TDD:OTA:MULTipath:RS:DElay:ANTenna106?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of LTE TDD Analyzer

### **LTE:TDD:OTA:MULTipath:RS:DElay:ANTenna2#**

Syntax: LTE:TDD:OTA:MULTipath:RS:DElay:ANTenna2#

Parameter/Response:

Example: LTE:TDD:OTA:MULTipath:RS:DElay:ANTenna206?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of LTE TDD Analyzer

### **LTE:TDD:OTA:MULTipath:RS:DElay:ANTenna3#**

Syntax: LTE:TDD:OTA:MULTipath:RS:DElay:ANTenna3#

Parameter/Response:

Example: LTE:TDD:OTA:MULTipath:RS:DElay:ANTenna306?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of LTE TDD Analyzer

### **LTE:FDD:OTA:MULTipath:PSS:DElay:ORDer#**

Syntax: LTE:FDD:OTA:MULTipath:PSS:DElay:ORDer#

Parameter/Response:

Description: You can query PSS Delay in OTA Multipath profile measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:MULTipath:PSS:DElay:ORDer06?

### **LTE:TDD:OTA:MULTipath:PSS:DElay:ORDer#**

Syntax: LTE:TDD:OTA:MULTipath:PSS:DElay:ORDer#

Parameter/Response:

Description: You can query PSS Delay in OTA Multipath profile measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:MULTipath:PSS:DElay:ORDer06?

### **LTE:FDD:OTA:MULTipath:SSS:DElay:ORDer#**

Syntax: LTE:FDD:OTA:MULTipath:SSS:DElay:ORDer#

Parameter/Response:

Description: You can query SSS Delay in OTA Multipath profile measurement of LTE FDD Analyzer

Example:

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LTE:FDD:OTA:MULTipath:SSS:DELaY:ORDer06?

**LTE:TDD:OTA:MULTipath:SSS:DELaY:ORDer#**

Syntax: LTE:TDD:OTA:MULTipath:SSS:DELaY:ORDer#

Parameter/Response:

Description: You can query SSS Delay in OTA Multipath profile measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:MULTipath:SSS:DELaY:ORDer06?

**LTE:FDD:OTA:CHANnel:SCANner:DETECT:ANTenna:ORDer#**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:DETECT:ANTenna:ORDer#

Parameter/Response:

Description: You can query Detected Antenna in OTA Channel Scanner measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:CHANnel:SCANner:DETECT:ANTenna:ORDer6?

**LTE:TDD:OTA:CHANnel:SCANner:DETECT:ANTenna:ORDer#**

Syntax: LTE:TDD:OTA:CHANnel:SCANner:DETECT:ANTenna:ORDer#

Parameter/Response:

Description: You can query Detected Antenna in OTA Channel Scanner measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:CHANnel:SCANner:DETECT:ANTenna:ORDer6?

**LTE:FDD:OTA:CHANnel:SCANner:PSSRSRP:POWER:ORDer#**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:PSSRSRP:POWER:ORDer#

Parameter/Response:

Example: LTE:FDD:OTA:CHANnel:SCANner:PSSRSRP:POWER:ORDer6?

Description: You can query P-SS RSRP Power in OTA Channel Scanner measurement of LTE FDD Analyzer

**LTE:TDD:OTA:CHANnel:SCANner:PSSRSRP:POWER:ORDer#**

Syntax: LTE:TDD:OTA:CHANnel:SCANner:PSSRSRP:POWER:ORDer#

Parameter/Response:

Example: LTE:TDD:OTA:CHANnel:SCANner:PSSRSRP:POWER:ORDer6?

Description: You can query P-SS RSRP Power in OTA Channel Scanner measurement of LTE TDD Analyzer

**LTE:FDD:OTA:CHANnel:SCANner:SSRSRP:POWER:ORDer#**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:SSRSRP:POWER:ORDer#

Parameter/Response:

---

**Example:** `LTE:FDD:OTA:CHANnel:SCANner:SSSRSRP:POWer:ORDer6?`  
**Description:** You can query S-SS RSRP Power in OTA Channel Scanner measurement of LTE FDD Analyzer

**LTE:TDD:OTA:CHANnel:SCANner:SSSRSRP:POWer:ORDer#**

**Syntax:** `LTE:TDD:OTA:CHANnel:SCANner:SSSRSRP:POWer:ORDer#`  
**Parameter/Response:**  
**Example:** `LTE:TDD:OTA:CHANnel:SCANner:SSSRSRP:POWer:ORDer6?`  
**Description:** You can query S-SS RSRP Power in OTA Channel Scanner measurement of LTE TDD Analyzer

**LTE:FDD:CA:DETECT:ANTenna0:CC#**

**Syntax:** `LTE:FDD:CA:DETECT:ANTenna0:CC#`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CA:DETECT:ANTenna0:CC05?`  
**Description:** You can query Detected Antenna0 of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:FDD:CA:DETECT:ANTenna1:CC#**

**Syntax:** `LTE:FDD:CA:DETECT:ANTenna1:CC#`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CA:DETECT:ANTenna1:CC05?`  
**Description:** You can query Detected Antenna1 of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:FDD:CA:DETECT:ANTenna2:CC#**

**Syntax:** `LTE:FDD:CA:DETECT:ANTenna2:CC#`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CA:DETECT:ANTenna2:CC05?`  
**Description:** You can query Detected Antenna2 of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:FDD:CA:DETECT:ANTenna3:CC#**

**Syntax:** `LTE:FDD:CA:DETECT:ANTenna3:CC#`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CA:DETECT:ANTenna3:CC05?`  
**Description:** You can query Detected Antenna3 of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:TDD:CA:DETECT:ANTenna0:CC#**

**Syntax:** `LTE:TDD:CA:DETECT:ANTenna0:CC#`  
**Parameter/Response:**  
**Example:** `LTE:TDD:CA:DETECT:ANTenna0:CC05?`



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Description: Description: You can query Detected Antenna0 of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

**LTE:TDD:CA:DETECT:ANTenna1:CC#**

Syntax: LTE:TDD:CA:DETECT:ANTenna1:CC#

Parameter/Response:

Example: LTE:TDD:CA:DETECT:ANTenna1:CC05?

Description: You can query Detected Antenna1 of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

**LTE:TDD:CA:DETECT:ANTenna2:CC#**

Syntax: LTE:TDD:CA:DETECT:ANTenna2:CC#

Parameter/Response:

Example: LTE:TDD:CA:DETECT:ANTenna2:CC05?

Description: You can query Detected Antenna2 of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

**LTE:TDD:CA:DETECT:ANTenna3:CC#**

Syntax: LTE:TDD:CA:DETECT:ANTenna3:CC#

Parameter/Response:

Example: LTE:TDD:CA:DETECT:ANTenna3:CC05?

Description: You can query Detected Antenna3 of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

**LTE:FDD:OTA:ID:SCANNER:DETECT:CELL:ORDER#**

Syntax: LTE:FDD:OTA:ID:SCANNER:DETECT:CELL:ORDER#

Parameter/Response:

Description: You can query Detected Cell ID in OTA ID Scanner measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:ID:SCANNER:DETECT:CELL:ORDER6?

**LTE:TDD:OTA:ID:SCANNER:DETECT:CELL:ORDER#**

Syntax: LTE:TDD:OTA:ID:SCANNER:DETECT:CELL:ORDER#

Parameter/Response:

Description: You can query Detected Cell ID in OTA ID Scanner measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:ID:SCANNER:DETECT:CELL:ORDER6?

**LTE:FDD:CA:CELL:ID:DETECT:CC#**

Syntax: LTE:FDD:CA:CELL:ID:DETECT:CC#

Parameter/Response:

---

Description: You can query Detected Cell ID of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:CELL:ID:DETECT:CC05?`

#### **LTE:TDD:CA:CELL:ID:DETECT:CC#**

Syntax: `LTE:TDD:CA:CELL:ID:DETECT:CC#`

Parameter/Response:

Description: You can query Detected Cell ID of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:CELL:ID:DETECT:CC05?`

#### **LTE:FDD:FRAME:MBMS:DETECT:NUMBER**

Syntax: `LTE:FDD:FRAME:MBMS:DETECT:NUMBER`

Parameter/Response:

Description: You can query Detected MBSFN in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:MBMS:DETECT:NUMBER?`

#### **LTE:FDD:SPECTRUM:MARKER#:DISPLAY:FREQUENCY**

Syntax: `LTE:FDD:SPECTRUM:MARKER#:DISPLAY:FREQUENCY`

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Spectrum measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SPECTRUM:MARKER1:DISPLAY:FREQUENCY?`

#### **LTE:TDD:SPECTRUM:MARKER#:DISPLAY:FREQUENCY**

Syntax: `LTE:TDD:SPECTRUM:MARKER#:DISPLAY:FREQUENCY`

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Spectrum measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SPECTRUM:MARKER1:DISPLAY:FREQUENCY?`

#### **LTE:FDD:CHANNEL:POWER:MARKER#:DISPLAY:FREQUENCY**

Syntax: `LTE:FDD:CHANNEL:POWER:MARKER#:DISPLAY:FREQUENCY`

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Channel Power measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CHANNEL:POWER:MARKER1:DISPLAY:FREQUENCY?`

---

### **LTE:TDD:CHANnel:POWER:MARKer#:DISPlay:FREQuency**

Syntax: LTE:TDD:CHANnel:POWER:MARKer#:DISPlay:FREQuency

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Channel Power measurement of LTE TDD Analyzer

Example:

LTE:TDD:CHANnel:POWER:MARKer1:DISPlay:FREQuency?

### **LTE:FDD:OCCUpied:BW:MARKer#:DISPlay:FREQuency**

Syntax: LTE:FDD:OCCUpied:BW:MARKer#:DISPlay:FREQuency

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Occupied Bandwidth measurement of LTE FDD Analyzer

Example:

LTE:FDD:OCCUpied:BW:MARKer1:DISPlay:FREQuency?

### **LTE:TDD:OCCUpied:BW:MARKer#:DISPlay:FREQuency**

Syntax: LTE:TDD:OCCUpied:BW:MARKer#:DISPlay:FREQuency

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Occupied Bandwidth measurement of LTE TDD Analyzer

Example:

LTE:TDD:OCCUpied:BW:MARKer1:DISPlay:FREQuency?

### **LTE:FDD:ACP:MARKer#:DISPlay:FREQuency**

Syntax: LTE:FDD:ACP:MARKer#:DISPlay:FREQuency

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in ACP measurement of LTE FDD Analyzer

Example:

LTE:FDD:ACP:MARKer1:DISPlay:FREQuency?

### **LTE:TDD:ACP:MARKer#:DISPlay:FREQuency**

Syntax: LTE:TDD:ACP:MARKer#:DISPlay:FREQuency

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in ACP measurement of LTE TDD Analyzer

Example:

LTE:TDD:ACP:MARKer1:DISPlay:FREQuency?

### **LTE:FDD:SEM:MARKer#:DISPlay:FREQuency**

Syntax: LTE:FDD:SEM:MARKer#:DISPlay:FREQuency

Parameter/Response:

---

Description: You can query Displayed Frequency of Marker# in Spectrum Emission Mask measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SEM:MARKer1:DISPlay:FREQuency?`

#### **LTE:TDD:SEM:MARKer#:DISPlay:FREQuency**

Syntax: `LTE:TDD:SEM:MARKer#:DISPlay:FREQuency`

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Spectrum Emission Mask measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SEM:MARKer1:DISPlay:FREQuency?`

#### **LTE:FDD:MACP:MARKer#:DISPlay:FREQuency**

Syntax: `LTE:FDD:MACP:MARKer#:DISPlay:FREQuency`

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Multi-ACP measurement of LTE FDD Analyzer

Example:

`LTE:FDD:MACP:MARKer1:DISPlay:FREQuency?`

#### **LTE:TDD:MACP:MARKer#:DISPlay:FREQuency**

Syntax: `LTE:TDD:MACP:MARKer#:DISPlay:FREQuency`

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Multi-ACP measurement of LTE TDD Analyzer

Example:

`LTE:TDD:MACP:MARKer1:DISPlay:FREQuency?`

#### **LTE:FDD:SE:MARKer#:DISPlay:FREQuency**

Syntax: `LTE:FDD:SE:MARKer#:DISPlay:FREQuency`

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Spurious Emissions measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SE:MARKer1:DISPlay:FREQuency?`

#### **LTE:TDD:SE:MARKer#:DISPlay:FREQuency**

Syntax: `LTE:TDD:SE:MARKer#:DISPlay:FREQuency`

Parameter/Response:

Description: You can query Displayed Frequency of Marker# in Spurious Emissions measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SE:MARKer1:DISPlay:FREQuency?`

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#### **LTE:FDD:CCDF:POWER:DB20:DIStribution**

Syntax: LTE:FDD:CCDF:POWER:DB20:DIStribution

Parameter/Response:

Description: You can query Distribution % of 20dB in CCDF measurement of LTE FDD Analyzer

Example:

LTE:FDD:CCDF:POWER:DB20:DIStribution?

#### **LTE:TDD:CCDF:POWER:DB20:DIStribution**

Syntax: LTE:TDD:CCDF:POWER:DB20:DIStribution

Parameter/Response:

Description: You can query Distribution % of 20dB in CCDF measurement of LTE TDD Analyzer

Example:

LTE:TDD:CCDF:POWER:DB20:DIStribution?

#### **LTE:FDD:CCDF:POWER:DB16:DIStribution**

Syntax: LTE:FDD:CCDF:POWER:DB16:DIStribution

Parameter/Response:

Description: You can query Distribution % of 16dB in CCDF measurement of LTE FDD Analyzer

Example:

LTE:FDD:CCDF:POWER:DB16:DIStribution?

#### **LTE:TDD:CCDF:POWER:DB16:DIStribution**

Syntax: LTE:TDD:CCDF:POWER:DB16:DIStribution

Parameter/Response:

Description: You can query Distribution % of 16dB in CCDF measurement of LTE TDD Analyzer

Example:

LTE:TDD:CCDF:POWER:DB16:DIStribution?

#### **LTE:FDD:CCDF:POWER:DB12:DIStribution**

Syntax: LTE:FDD:CCDF:POWER:DB12:DIStribution

Parameter/Response:

Description: You can query Distribution % of 12dB in CCDF measurement of LTE FDD Analyzer

Example:

LTE:FDD:CCDF:POWER:DB12:DIStribution?

#### **LTE:TDD:CCDF:POWER:DB12:DIStribution**

Syntax: LTE:TDD:CCDF:POWER:DB12:DIStribution

Parameter/Response:

---

Description: You can query Distribution % of 12dB in CCDF measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CCDF:POWEr:DB12:DIStribution?`

#### **LTE:FDD:CCDF:POWEr:DB8:DIStribution**

Syntax: `LTE:FDD:CCDF:POWEr:DB8:DIStribution`

Parameter/Response:

Description: You can query Distribution % of 8dB in CCDF measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CCDF:POWEr:DB8:DIStribution?`

#### **LTE:TDD:CCDF:POWEr:DB8:DIStribution**

Syntax: `LTE:TDD:CCDF:POWEr:DB8:DIStribution`

Parameter/Response:

Description: You can query Distribution % of 8dB in CCDF measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CCDF:POWEr:DB8:DIStribution?`

#### **LTE:FDD:CCDF:POWEr:DB4:DIStribution**

Syntax: `LTE:FDD:CCDF:POWEr:DB4:DIStribution`

Parameter/Response:

Description: You can query Distribution % of 4dB in CCDF measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CCDF:POWEr:DB4:DIStribution?`

#### **LTE:TDD:CCDF:POWEr:DB4:DIStribution**

Syntax: `LTE:TDD:CCDF:POWEr:DB4:DIStribution`

Parameter/Response:

Description: You can query Distribution % of 4dB in CCDF measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CCDF:POWEr:DB4:DIStribution?`

#### **LTE:FDD:OTA:ID:SCANner:DOMinance:ECIO**

Syntax: `LTE:FDD:OTA:ID:SCANner:DOMinance:ECIO`

Parameter/Response:

Description: You can query Measured Ec/Io Value in OTA ID Scanner measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:ID:SCANner:DOMinance:ECIO?`

---

#### **LTE:TDD:OTA:ID:SCANner:DOMinance:ECIO**

Syntax: LTE:TDD:OTA:ID:SCANner:DOMinance:ECIO

Parameter/Response:

Description: You can query Measured Ec/Io Value in OTA ID Scanner measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:ID:SCANner:DOMinance:ECIO?

#### **LTE:FDD:OTA:ID:SCANner:DOMinance:PSS**

Syntax: LTE:FDD:OTA:ID:SCANner:DOMinance:PSS

Parameter/Response:

Description: You can query Measured PSS Value in OTA ID Scanner measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:ID:SCANner:DOMinance:PSS?

#### **LTE:TDD:OTA:ID:SCANner:DOMinance:PSS**

Syntax: LTE:TDD:OTA:ID:SCANner:DOMinance:PSS

Parameter/Response:

Description: You can query Measured PSS Value in OTA ID Scanner measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:ID:SCANner:DOMinance:PSS?

#### **LTE:FDD:OTA:ID:SCANner:DOMinance:RSRP**

Syntax: LTE:FDD:OTA:ID:SCANner:DOMinance:RSRP

Parameter/Response:

Description: You can query Measured RSRP Value in OTA ID Scanner measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:ID:SCANner:DOMinance:RSRP?

#### **LTE:TDD:OTA:ID:SCANner:DOMinance:RSRP**

Syntax: LTE:TDD:OTA:ID:SCANner:DOMinance:RSRP

Parameter/Response:

Description: You can query Measured RSRP Value in OTA ID Scanner measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:ID:SCANner:DOMinance:RSRP?

#### **LTE:FDD:OTA:ID:SCANner:DOMinance:RSRQ**

Syntax: LTE:FDD:OTA:ID:SCANner:DOMinance:RSRQ

Parameter/Response:

---

Description: You can query Measured RSRQ Value in OTA ID Scanner measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:ID:SCANner:DOMinance:RSRQ?`

#### **LTE:TDD:OTA:ID:SCANner:DOMinance:RSRQ**

Syntax: `LTE:TDD:OTA:ID:SCANner:DOMinance:RSRQ`

Parameter/Response:

Description: You can query Measured RSRQ Value in OTA ID Scanner measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:ID:SCANner:DOMinance:RSRQ?`

#### **LTE:FDD:OTA:ID:SCANner:DOMinance:RSSI**

Syntax: `LTE:FDD:OTA:ID:SCANner:DOMinance:RSSI`

Parameter/Response:

Description: You can query Measured RSSI Value in OTA ID Scanner measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:ID:SCANner:DOMinance:RSSI?`

#### **LTE:TDD:OTA:ID:SCANner:DOMinance:RSSI**

Syntax: `LTE:TDD:OTA:ID:SCANner:DOMinance:RSSI`

Parameter/Response:

Description: You can query Measured RSSI Value in OTA ID Scanner measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:ID:SCANner:DOMinance:RSSI?`

#### **LTE:FDD:OTA:ID:SCANner:DOMinance:SINR**

Syntax: `LTE:FDD:OTA:ID:SCANner:DOMinance:SINR`

Parameter/Response:

Description: You can query Measured SINR Value in OTA ID Scanner measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:ID:SCANner:DOMinance:SINR?`

#### **LTE:TDD:OTA:ID:SCANner:DOMinance:SINR**

Syntax: `LTE:TDD:OTA:ID:SCANner:DOMinance:SINR`

Parameter/Response:

Description: You can query Measured SINR Value in OTA ID Scanner measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:ID:SCANner:DOMinance:SINR?`



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### **LTE:FDD:OTA:ID:SCANner:DOMinance:SSS**

Syntax: LTE:FDD:OTA:ID:SCANner:DOMinance:SSS

Parameter/Response:

Description: You can query Measured SSS Value in OTA ID Scanner measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:ID:SCANner:DOMinance:SSS?

### **LTE:TDD:OTA:ID:SCANner:DOMinance:SSS**

Syntax: LTE:TDD:OTA:ID:SCANner:DOMinance:SSS

Parameter/Response:

Description: You can query Measured SSS Value in OTA ID Scanner measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:ID:SCANner:DOMinance:SSS?

### **LTE:FDD:CONStellation:DOWN:LINK:POWer:JUDGe**

Syntax: LTE:FDD:CONStellation:DOWN:LINK:POWer:JUDGe

Parameter/Response:

Description: You can query pass or fail for the DL Power in Constellation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:DOWN:LINK:POWer:JUDGe?

### **LTE:TDD:CONStellation:DOWN:LINK:POWer:JUDGe**

Syntax: LTE:TDD:CONStellation:DOWN:LINK:POWer:JUDGe

Parameter/Response:

Description: You can query pass or fail for the DL Power in Constellation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:DOWN:LINK:POWer:JUDGe?

### **LTE:TDD:PVST:FRAMe:PTS:POWer:DOWN**

Syntax: LTE:TDD:PVST:FRAMe:PTS:POWer:DOWN

Parameter/Response:

Description: You can query DWPTS Power in Power vs Time (Frame) measurement of LTE TDD Analyzer

Example:

LTE:TDD:PVST:FRAMe:PTS:POWer:DOWN?

### **LTE:FDD:PVST:FRAMe:SUBFrame:POWer**

Syntax: LTE:FDD:PVST:FRAMe:SUBFrame:POWer

Parameter/Response:

---

Example: `LTE:FDD:PVST:FRAME:SUBFrame:POWer?`

Description: You can query Subframe Power for Frame in Power vs Time (Frame) measurement of LTE FDD Analyzer

#### **LTE:TDD:PVST:FRAME:SUBFrame:POWer**

Syntax: `LTE:TDD:PVST:FRAME:SUBFrame:POWer`

Parameter/Response:

Example: `LTE:TDD:PVST:FRAME:SUBFrame:POWer?`

Description: You can query Subframe Power for Frame in Power vs Time (Frame) measurement of LTE TDD Analyzer

#### **LTE:FDD:PVST:FRAME:SUBFrame:POWer:JUDGe**

Syntax: `LTE:FDD:PVST:FRAME:SUBFrame:POWer:JUDGe`

Parameter/Response:

Example: `LTE:FDD:PVST:FRAME:SUBFrame:POWer:JUDGe?`

Description: You can query pass or fail for Subframe Power for Frame in Power vs Time (Frame) measurement of LTE FDD Analyzer

#### **LTE:TDD:PVST:FRAME:SUBFrame:POWer:JUDGe**

Syntax: `LTE:TDD:PVST:FRAME:SUBFrame:POWer:JUDGe`

Parameter/Response:

Example: `LTE:TDD:PVST:FRAME:SUBFrame:POWer:JUDGe?`

Description: You can query pass or fail for Subframe Power for Frame in Power vs Time (Frame) measurement of LTE TDD Analyzer

#### **LTE:FDD:OTA:ID:SCANner:ECIO:SSS:ORDer#**

Syntax: `LTE:FDD:OTA:ID:SCANner:ECIO:SSS:ORDer#`

Parameter/Response:

Description: You can query SSS Ec/Io Value of order# in OTA ID Scanner measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:ID:SCANner:ECIO:SSS:ORDer6?`

#### **LTE:TDD:OTA:ID:SCANner:ECIO:SSS:ORDer#**

Syntax: `LTE:TDD:OTA:ID:SCANner:ECIO:SSS:ORDer#`

Parameter/Response:

Description: You can query SSS Ec/Io Value of order# in OTA ID Scanner measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:ID:SCANner:ECIO:SSS:ORDer6?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:PSS:JUDGe**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:EVM:PSS:JUDGe`

---

Parameter/Response:

Description: You can query pass or fail for the PSS EVM in OTA Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:EVM:PSS:JUDGE?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:PSS:JUDGE**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:EVM:PSS:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the PSS EVM in OTA Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:EVM:PSS:JUDGE?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS#:JUDGE**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS#:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the RS# (0,1,2,3) EVM in OTA Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS3:JUDGE?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:RS#:JUDGE**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:EVM:RS#:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the RS# (0,1,2,3) EVM in OTA Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:EVM:RS3:JUDGE?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:SSS:JUDGE**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:EVM:SSS:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the SSS EVM in OTA Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:EVM:SSS:JUDGE?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:SSS:JUDGE**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:EVM:SSS:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the SSS EVM in OTA Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:EVM:SSS:JUDGE?`

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#### **LTE:FDD:FRAMe:DATA:EVM:PEAK:JUDGe**

Syntax: LTE:FDD:FRAMe:DATA:EVM:PEAK:JUDGe

Parameter/Response:

Description: You can query pass or fail for the Data EVM Peak in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:DATA:EVM:PEAK:JUDGe?

#### **LTE:FDD:FRAMe:DATA:EVM:PEAK:ACCumulate**

Syntax: LTE:FDD:FRAMe:DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Description: You can query Accumulated Data EVM Peak in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:DATA:EVM:PEAK:ACCumulate?

#### **LTE:FDD:FRAMe:DATA:EVM:PEAK:NORMAl**

Syntax: LTE:FDD:FRAMe:DATA:EVM:PEAK:NORMAl

Parameter/Response:

Description: You can query Data EVM Peak in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:DATA:EVM:PEAK:NORMAl?

#### **LTE:FDD:FRAMe:DATA:EVM:PEAK:SYMBol**

Syntax: LTE:FDD:FRAMe:DATA:EVM:PEAK:SYMBol

Parameter/Response:

Description: You can query Symbol of Data EVM Peak in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:DATA:EVM:PEAK:SYMBol?

#### **LTE:FDD:FRAMe:DATA:EVM:RMS:JUDGe**

Syntax: LTE:FDD:FRAMe:DATA:EVM:RMS:JUDGe

Parameter/Response:

Description: You can query pass or fail for the Data EVM RMS in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:DATA:EVM:RMS:JUDGe?

#### **LTE:FDD:FRAMe:DATA:EVM:RMS:ACCumulate**

Syntax: LTE:FDD:FRAMe:DATA:EVM:RMS:ACCumulate

Parameter/Response:

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Description: You can query Accumulated Data EVM RMS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:DATA:EVM:RMS:ACCumulate?`

#### **LTE:FDD:FRAMe:DATA:EVM:RMS:NORMal**

Syntax: `LTE:FDD:FRAMe:DATA:EVM:RMS:NORMal`

Parameter/Response:

Description: You can query Data EVM RMS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:DATA:EVM:RMS:NORMal?`

#### **LTE:FDD:SUBFrame:EVM:QAM16**

Syntax: `LTE:FDD:SUBFrame:EVM:QAM16`

Parameter/Response:

Example: `LTE:FDD:SUBFrame:EVM:QAM16?`

Description: You can query QAM16 EVM in Subframe measurement of LTE FDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:QAM16**

Syntax: `LTE:TDD:SUBFrame:EVM:QAM16`

Parameter/Response:

Example: `LTE:TDD:SUBFrame:EVM:QAM16?`

Description: You can query QAM16 EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:QAM16:JUDGE**

Syntax: `LTE:FDD:SUBFrame:EVM:QAM16:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the QAM16 EVM in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:EVM:QAM16:JUDGE?`

#### **LTE:TDD:SUBFrame:EVM:QAM16:JUDGE**

Syntax: `LTE:TDD:SUBFrame:EVM:QAM16:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the QAM16 EVM in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:EVM:QAM16:JUDGE?`

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#### **LTE:FDD:CA:EVM:QAM16:CC#:JUDGE**

Syntax: LTE:FDD:CA:EVM:QAM16:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the QAM16 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:QAM16:CC05:JUDGE?

#### **LTE:TDD:CA:EVM:QAM16:CC#:JUDGE**

Syntax: LTE:TDD:CA:EVM:QAM16:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the QAM16 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:QAM16:CC05:JUDGE?

#### **LTE:FDD:SUBFrame:EVM:QAM256:JUDGE**

Syntax: LTE:FDD:SUBFrame:EVM:QAM256:JUDGE

Parameter/Response:

Description: You can query pass or fail for the QAM256 EVM in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:EVM:QAM256:JUDGE?

#### **LTE:TDD:SUBFrame:EVM:QAM256:JUDGE**

Syntax: LTE:TDD:SUBFrame:EVM:QAM256:JUDGE

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:QAM256:JUDGE?

Description: You can query pass or fail for the QAM256 EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:QAM256**

Syntax: LTE:FDD:SUBFrame:EVM:QAM256

Parameter/Response:

Example: LTE:FDD:SUBFrame:EVM:QAM256?

Description: You can query QAM256 EVM in Subframe measurement of LTE FDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:QAM256**

Syntax: LTE:TDD:SUBFrame:EVM:QAM256

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:QAM256?

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Description: You can query QAM256 EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:QAM64**

Syntax: LTE:FDD:SUBFrame:EVM:QAM64

Parameter/Response:

Example: LTE:FDD:SUBFrame:EVM:QAM64?

Description: You can query QAM64 EVM in Subframe measurement of LTE FDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:QAM64**

Syntax: LTE:TDD:SUBFrame:EVM:QAM64

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:QAM64?

Description: You can query QAM64 EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:FDD:CA:EVM:QAM256:CC#:JUDGE**

Syntax: LTE:FDD:CA:EVM:QAM256:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the QAM256 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:QAM256:CC05:JUDGE?

#### **LTE:TDD:CA:EVM:QAM256:CC#:JUDGE**

Syntax: LTE:TDD:CA:EVM:QAM256:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the QAM256 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:QAM256:CC05:JUDGE?

#### **LTE:FDD:SUBFrame:EVM:QAM64:JUDGE**

Syntax: LTE:FDD:SUBFrame:EVM:QAM64:JUDGE

Parameter/Response:

Description: You can query pass or fail for the QAM64 EVM in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:EVM:QAM64:JUDGE?

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#### **LTE:TDD:SUBFrame:EVM:QAM64:JUDGe**

Syntax: LTE:TDD:SUBFrame:EVM:QAM64:JUDGe

Parameter/Response:

Description: You can query pass or fail for the QAM64 EVM in Subframe measurement of LTE TDD Analyzer

Example:

LTE:TDD:SUBFrame:EVM:QAM64:JUDGe?

#### **LTE:FDD:CA:EVM:QAM64:CC#:JUDGe**

Syntax: LTE:FDD:CA:EVM:QAM64:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the QAM64 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:QAM64:CC05:JUDGe?

#### **LTE:TDD:CA:EVM:QAM64:CC#:JUDGe**

Syntax: LTE:TDD:CA:EVM:QAM64:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the QAM64 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:QAM64:CC05:JUDGe?

#### **LTE:FDD:FRAME:EVM:PDS:QAM16:JUDGe**

Syntax: LTE:FDD:FRAME:EVM:PDS:QAM16:JUDGe

Parameter/Response:

Description: You can query pass or fail for the EVM of PDSCH QAM16 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:PDS:QAM16:JUDGe?

#### **LTE:FDD:FRAME:EVM:PDS:QAM256:JUDGe**

Syntax: LTE:FDD:FRAME:EVM:PDS:QAM256:JUDGe

Parameter/Response:

Description: You can query pass or fail for the EVM of PDSCH QAM256 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:PDS:QAM256:JUDGe?

#### **LTE:FDD:FRAME:EVM:PDS:QAM64:JUDGe**

Syntax: LTE:FDD:FRAME:EVM:PDS:QAM64:JUDGe

Parameter/Response:



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Description: You can query pass or fail for the EVM of PDSCH QAM64 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PDS:QAM64:JUDGE?

#### **LTE:FDD:FRAMe:EVM:PDS:QPSK:JUDGE**

Syntax: LTE:FDD:FRAMe:EVM:PDS:QPSK:JUDGE

Parameter/Response:

Description: You can query pass or fail for the EVM of PDSCH QPSK in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PDS:QPSK:JUDGE?

#### **LTE:FDD:FRAMe:EVM:PMCH:QAM16:JUDGE**

Syntax: LTE:FDD:FRAMe:EVM:PMCH:QAM16:JUDGE

Parameter/Response:

Description: You can query pass or fail for the EVM of PMCH QAM16 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PMCH:QAM16:JUDGE?

#### **LTE:FDD:FRAMe:EVM:PMCH:QAM256:JUDGE**

Syntax: LTE:FDD:FRAMe:EVM:PMCH:QAM256:JUDGE

Parameter/Response:

Description: You can query pass or fail for the EVM of PMCH QAM256 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PMCH:QAM256:JUDGE?

#### **LTE:FDD:FRAMe:EVM:PMCH:QAM64:JUDGE**

Syntax: LTE:FDD:FRAMe:EVM:PMCH:QAM64:JUDGE

Parameter/Response:

Description: You can query pass or fail for the EVM of PMCH QAM64 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PMCH:QAM64:JUDGE?

#### **LTE:FDD:FRAMe:EVM:PMCH:QPSK:JUDGE**

Syntax: LTE:FDD:FRAMe:EVM:PMCH:QPSK:JUDGE

Parameter/Response:

Description: You can query pass or fail for the EVM of PMCH QPSK in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PMCH:QPSK:JUDGE?

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#### **LTE:FDD:FRAMe:EVM:PSS:JUDGe**

Syntax: LTE:FDD:FRAMe:EVM:PSS:JUDGe

Parameter/Response:

Description: You can query pass or fail for the EVM of PSS in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PSS:JUDGe?

#### **LTE:FDD:CA:EVM:PSS:CC#:JUDGe**

Syntax: LTE:FDD:CA:EVM:PSS:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PSS EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:PSS:CC05:JUDGe?

#### **LTE:TDD:CA:EVM:PSS:CC#:JUDGe**

Syntax: LTE:TDD:CA:EVM:PSS:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PSS EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:PSS:CC05:JUDGe?

#### **LTE:FDD:SUBFrame:EVM:QPSK:JUDGe**

Syntax: LTE:FDD:SUBFrame:EVM:QPSK:JUDGe

Parameter/Response:

Description: You can query pass or fail for the EVM of QPSK in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:EVM:QPSK:JUDGe?

#### **LTE:TDD:SUBFrame:EVM:QPSK:JUDGe**

Syntax: LTE:TDD:SUBFrame:EVM:QPSK:JUDGe

Parameter/Response:

Description: You can query pass or fail for the EVM of QPSK in Subframe measurement of LTE TDD Analyzer

Example:

LTE:TDD:SUBFrame:EVM:QPSK:JUDGe?

#### **LTE:FDD:CA:EVM:QPSK:CC#:JUDGe**

Syntax: LTE:FDD:CA:EVM:QPSK:CC#:JUDGe

Parameter/Response:

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Description: : You can query pass or fail for the QPSK EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:QPSK:CC05:JUDGE?

#### **LTE:TDD:CA:EVM:QPSK:CC#:JUDGE**

Syntax: LTE:TDD:CA:EVM:QPSK:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the QPSK EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:QPSK:CC05:JUDGE?

#### **LTE:FDD:FRAME:EVM:RS:JUDGE**

Syntax: LTE:FDD:FRAME:EVM:RS:JUDGE

Parameter/Response:

Description: You can query pass or fail for the RS EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:RS:JUDGE?

#### **LTE:FDD:CA:EVM:RS:CC#:JUDGE**

Syntax: LTE:FDD:CA:EVM:RS:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the RS EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:RS:CC05:JUDGE?

#### **LTE:TDD:CA:EVM:RS:CC#:JUDGE**

Syntax: LTE:TDD:CA:EVM:RS:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the RS EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:RS:CC05:JUDGE?

#### **LTE:FDD:FRAME:EVM:SSS:JUDGE**

Syntax: LTE:FDD:FRAME:EVM:SSS:JUDGE

Parameter/Response:

Description: You can query pass or fail for the SSS EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:SSS:JUDGE?

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#### **LTE:FDD:CA:EVM:SSS:CC#:JUDGE**

Syntax: LTE:FDD:CA:EVM:SSS:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the SSS EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:SSS:CC05:JUDGE?

#### **LTE:TDD:CA:EVM:SSS:CC#:JUDGE**

Syntax: LTE:TDD:CA:EVM:SSS:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail for the SSS EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:SSS:CC05:JUDGE?

#### **LTE:FDD:CONStellation:PDS:EVM:QAM16:JUDGE**

Syntax: LTE:FDD:CONStellation:PDS:EVM:QAM16:JUDGE

Parameter/Response:

Description: You can query pass or fail for the PDSCH EVM QAM16 in Constellation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:PDS:EVM:QAM16:JUDGE?

#### **LTE:TDD:CONStellation:PDS:EVM:QAM16:JUDGE**

Syntax: LTE:TDD:CONStellation:PDS:EVM:QAM16:JUDGE

Parameter/Response:

Description: You can query pass or fail for the PDSCH EVM QAM16 in Constellation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:PDS:EVM:QAM16:JUDGE?

#### **LTE:FDD:CONStellation:PDS:EVM:QAM256:JUDGE**

Syntax: LTE:FDD:CONStellation:PDS:EVM:QAM256:JUDGE

Parameter/Response:

Description: You can query pass or fail for the PDSCH EVM QAM256 in Constellation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:PDS:EVM:QAM256:JUDGE?

#### **LTE:TDD:CONStellation:PDS:EVM:QAM256:JUDGE**

Syntax: LTE:TDD:CONStellation:PDS:EVM:QAM256:JUDGE

Parameter/Response:

---

Description: You can query pass or fail for the PDSCH EVM QAM256 in Constellation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONStellation:PDS:EVM:QAM256:JUDGE?`

#### **LTE:FDD:CONStellation:PDS:EVM:QAM64:JUDGE**

Syntax: `LTE:FDD:CONStellation:PDS:EVM:QAM64:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the PDSCH EVM QAM64 in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONStellation:PDS:EVM:QAM64:JUDGE?`

#### **LTE:TDD:CONStellation:PDS:EVM:QAM64:JUDGE**

Syntax: `LTE:TDD:CONStellation:PDS:EVM:QAM64:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the PDSCH EVM QAM64 in Constellation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONStellation:PDS:EVM:QAM64:JUDGE?`

#### **LTE:FDD:CONStellation:PDS:EVM:QPSK:JUDGE**

Syntax: `LTE:FDD:CONStellation:PDS:EVM:QPSK:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the PDSCH EVM QPSK in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONStellation:PDS:EVM:QPSK:JUDGE?`

#### **LTE:TDD:CONStellation:PDS:EVM:QPSK:JUDGE**

Syntax: `LTE:TDD:CONStellation:PDS:EVM:QPSK:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the PDSCH EVM QPSK in Constellation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONStellation:PDS:EVM:QPSK:JUDGE?`

#### **LTE:FDD:CONStellation:PDS:EVM:QAM16**

Syntax: `LTE:FDD:CONStellation:PDS:EVM:QAM16`

Parameter/Response:

Description: You can query PDSCH EVM QAM16 in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONStellation:PDS:EVM:QAM16?`

---

### **LTE:TDD:CONStellation:PDS:EVM:QAM16**

Syntax: LTE:TDD:CONStellation:PDS:EVM:QAM16

Parameter/Response:

Description: You can query PDSCH EVM QAM16 in Constellation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:PDS:EVM:QAM16?

### **LTE:FDD:CONStellation:PDS:EVM:QAM256**

Syntax: LTE:FDD:CONStellation:PDS:EVM:QAM256

Parameter/Response:

Description: You can query PDSCH EVM QAM256 in Constellation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:PDS:EVM:QAM256?

### **LTE:TDD:CONStellation:PDS:EVM:QAM256**

Syntax: LTE:TDD:CONStellation:PDS:EVM:QAM256

Parameter/Response:

Description: You can query PDSCH EVM QAM256 in Constellation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:PDS:EVM:QAM256?

### **LTE:FDD:CONStellation:PDS:EVM:QAM64**

Syntax: LTE:FDD:CONStellation:PDS:EVM:QAM64

Parameter/Response:

Description: You can query PDSCH EVM QAM64 in Constellation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:PDS:EVM:QAM64?

### **LTE:TDD:CONStellation:PDS:EVM:QAM64**

Syntax: LTE:TDD:CONStellation:PDS:EVM:QAM64

Parameter/Response:

Description: You can query PDSCH EVM of QAM64 in Constellation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:PDS:EVM:QAM64?

### **LTE:FDD:CONStellation:PDS:EVM:QPSK**

Syntax: LTE:FDD:CONStellation:PDS:EVM:QPSK

Parameter/Response:

---

Description: You can query PDSCH EVM QPSK in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONStellation:PDS:EVM:QPSK?`

#### **LTE:TDD:CONStellation:PDS:EVM:QPSK**

Syntax: `LTE:TDD:CONStellation:PDS:EVM:QPSK`

Parameter/Response:

Description: You can query PDSCH EVM QPSK in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:TDD:CONStellation:PDS:EVM:QPSK?`

#### **LTE:FDD:CONStellation:PM:EVM:QAM16:JUDGE**

Syntax: `LTE:FDD:CONStellation:PM:EVM:QAM16:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the PMCH EVM QAM16 in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONStellation:PM:EVM:QAM16:JUDGE?`

#### **LTE:TDD:CONStellation:PM:EVM:QAM16:JUDGE**

Syntax: `LTE:TDD:CONStellation:PM:EVM:QAM16:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the PMCH EVM QAM16 in Constellation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONStellation:PM:EVM:QAM16:JUDGE?`

#### **LTE:FDD:CONStellation:PM:EVM:QAM256:JUDGE**

Syntax: `LTE:FDD:CONStellation:PM:EVM:QAM256:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the PMCH EVM QAM256 in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONStellation:PM:EVM:QAM256:JUDGE?`

#### **LTE:TDD:CONStellation:PM:EVM:QAM256:JUDGE**

Syntax: `LTE:TDD:CONStellation:PM:EVM:QAM256:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the PMCH EVM QAM256 in Constellation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONStellation:PM:EVM:QAM256:JUDGE?`

---

### **LTE:FDD:CONStellation:PM:EVM:QAM64:JUDGe**

Syntax: LTE:FDD:CONStellation:PM:EVM:QAM64:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PMCH EVM QAM64 in Constellation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:PM:EVM:QAM64:JUDGe?

### **LTE:TDD:CONStellation:PM:EVM:QAM64:JUDGe**

Syntax: LTE:TDD:CONStellation:PM:EVM:QAM64:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PMCH EVM QAM64 in Constellation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:PM:EVM:QAM64:JUDGe?

### **LTE:FDD:CONStellation:PM:EVM:QPSK:JUDGe**

Syntax: LTE:FDD:CONStellation:PM:EVM:QPSK:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PMCH EVM QPSK in Constellation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:PM:EVM:QPSK:JUDGe?

### **LTE:TDD:CONStellation:PM:EVM:QPSK:JUDGe**

Syntax: LTE:TDD:CONStellation:PM:EVM:QPSK:JUDGe

Parameter/Response:

Description: You can query pass or fail for the PMCH EVM QPSK in Constellation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:PM:EVM:QPSK:JUDGe?

### **LTE:FDD:CONStellation:PM:EVM:QAM16**

Syntax: LTE:FDD:CONStellation:PM:EVM:QAM16

Parameter/Response:

Description: You can query PMCH EVM QAM16 in Constellation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:PM:EVM:QAM16?

### **LTE:TDD:CONStellation:PM:EVM:QAM16**

Syntax: LTE:TDD:CONStellation:PM:EVM:QAM16

Parameter/Response:



---

Description: You can query PMCH EVM QAM16 in Constellation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONStellation:PM:EVM:QAM16?`

#### **LTE:FDD:CONStellation:PM:EVM:QAM256**

Syntax: `LTE:FDD:CONStellation:PM:EVM:QAM256`

Parameter/Response:

Description: You can query PMCH EVM QAM256 in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONStellation:PM:EVM:QAM256?`

#### **LTE:TDD:CONStellation:PM:EVM:QAM256**

Syntax: `LTE:TDD:CONStellation:PM:EVM:QAM256`

Parameter/Response:

Description: You can query PMCH EVM QAM256 in Constellation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONStellation:PM:EVM:QAM256?`

#### **LTE:FDD:CONStellation:PM:EVM:QAM64**

Syntax: `LTE:FDD:CONStellation:PM:EVM:QAM64`

Parameter/Response:

Description: You can query PMCH EVM QAM64 in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONStellation:PM:EVM:QAM64?`

#### **LTE:TDD:CONStellation:PM:EVM:QAM64**

Syntax: `LTE:TDD:CONStellation:PM:EVM:QAM64`

Parameter/Response:

Description: You can query PMCH EVM QAM64 in Constellation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONStellation:PM:EVM:QAM64?`

#### **LTE:FDD:CONStellation:PM:EVM:QPSK**

Syntax: `LTE:FDD:CONStellation:PM:EVM:QPSK`

Parameter/Response:

Description: You can query PMCH EVM QPSK in Constellation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONStellation:PM:EVM:QPSK?`

---

### **LTE:TDD:CONStellation:PM:EVM:QPSK**

Syntax: LTE:TDD:CONStellation:PM:EVM:QPSK

Parameter/Response:

Description: You can query PMCH EVM QPSK in Constellation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:PM:EVM:QPSK?

### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:PSS:JUDGE**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:PSS:JUDGE

Parameter/Response:

Description: You can query pass or fail for the PSS EVM RMS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:PSS:JUDGE?

### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:PSS:JUDGE**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:PSS:JUDGE

Parameter/Response:

Description: You can query pass or fail for the PSS EVM RMS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:PSS:JUDGE?

### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:RS:JUDGE**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:RS:JUDGE

Parameter/Response:

Example: LTE:TDD:CONTRol:CHANnel:EVM:RMS:RS:JUDGE?

Description: You can query pass or fail for the RS EVM RMS in Control Channel measurement of LTE TDD Analyzer

### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:MBMS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:MBMS

Parameter/Response:

Description: You can query Accumulated EVM Peak of MBMS RS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:MBMS?

### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:MBMS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:MBMS

Parameter/Response:

---

Description: You can query Accumulated EVM Peak of MBMS RS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:MBMS?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PB**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PB`

Parameter/Response:

Description: You can query Accumulated EVM Peak of PBCH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PB?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PB**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PB`

Parameter/Response:

Description: You can query Accumulated EVM Peak of PBCH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PB?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PCFI**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PCFI`

Parameter/Response:

Description: You can query Accumulated EVM Peak of PCFICH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PCFI?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PCFI**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PCFI`

Parameter/Response:

Description: You can query Accumulated EVM Peak of PCFICH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PCFI?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC`

Parameter/Response:

Description: You can query Accumulated EVM Peak of PDCCH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC?`

---

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC

Parameter/Response:

Description: You can query Accumulated EVM Peak of PDCCH in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC?

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PHI**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PHI

Parameter/Response:

Description: You can query Accumulated EVM Peak of PHICH in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PHI?

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PHI**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PHI

Parameter/Response:

Description: You can query Accumulated EVM Peak of PHICH in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PHI?

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS

Parameter/Response:

Description: You can query Accumulated EVM Peak of PSS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS

Parameter/Response:

Description: You can query Accumulated EVM Peak of PSS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS?

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS

Parameter/Response:

---

Description: You can query Accumulated EVM Peak of RS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS`

Parameter/Response:

Description: You can query Accumulated EVM Peak of RS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS#**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS#`

Parameter/Response:

Description: You can query Accumulated EVM Peak of RS# (0,1,2,3) in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS#?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS#**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS#`

Parameter/Response:

Description: You can query Accumulated EVM Peak of RS# (0,1,2,3) in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS#?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS`

Parameter/Response:

Description: You can query Accumulated EVM Peak of SSS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS`

Parameter/Response:

Description: You can query Accumulated EVM Peak of SSS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS?`

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#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:MBMS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:MBMS

Parameter/Response:

Description: You can query EVM Peak of MBMS RS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:MBMS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:MBMS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:MBMS

Parameter/Response:

Description: You can query EVM Peak of MBMS RS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:MBMS?

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PB**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PB

Parameter/Response:

Description: You can query EVM Peak of PBCH in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PB?

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PB**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PB

Parameter/Response:

Description: You can query EVM Peak of PBCH in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PB?

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PCFI**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PCFI

Parameter/Response:

Description: You can query EVM Peak of PCFICH in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PCFI?

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PCFI**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PCFI

Parameter/Response:

---

Description: You can query EVM Peak of PCFICH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PCFI?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC`

Parameter/Response:

Description: You can query EVM Peak of PDCCH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC`

Parameter/Response:

Description: You can query EVM Peak of PDCCH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PHI**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PHI`

Parameter/Response:

Description: You can query EVM Peak of PHICH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PHI?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PHI**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PHI`

Parameter/Response:

Description: You can query EVM Peak of PHICH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PHI?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS`

Parameter/Response:

Description: You can query EVM Peak of PSS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS?`

---

### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS

Parameter/Response:

Description: You can query EVM Peak of PSS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS?

### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS

Parameter/Response:

Description: You can query EVM Peak of RS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS?

### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS

Parameter/Response:

Description: You can query EVM Peak of RS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS?

### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS#**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS#

Parameter/Response:

Description: You can query EVM Peak of RS# (0,1,2,3) in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS#?

### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS#**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS#

Parameter/Response:

Description: You can query EVM Peak of RS# (0,1,2,3) in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:RS#?

### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS

Parameter/Response:



---

Description: You can query EVM Peak of SSS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS`

Parameter/Response:

Description: You can query EVM Peak of SSS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:MBMS**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:MBMS`

Parameter/Response:

Description: You can query Symbol of Accumulated MBMS RS EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:MBMS?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:MBMS**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:MBMS`

Parameter/Response:

Description: You can query Symbol of Accumulated MBMS RS EVM Peak in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:MBMS?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PB**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PB`

Parameter/Response:

Description: You can query Symbol of Accumulated PBCH EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PB?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PB**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PB`

Parameter/Response:

Description: You can query Symbol of Accumulated PBCH EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PB?`

---

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PCFI**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PCFI

Parameter/Response:

Description: You can query Symbol of Accumulated PCFICH EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PCFI?

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PCFI**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PCFI

Parameter/Response:

Description: You can query Symbol of Accumulated PCFICH EVM Peak in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PCFI?

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PDC**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PDC

Parameter/Response:

Description: You can query Symbol of Accumulated PDCCH EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PDC?

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PDC**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PDC

Parameter/Response:

Description: You can query Symbol of Accumulated PDCCH EVM Peak in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PDC?

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PHI**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PHI

Parameter/Response:

Description: You can query Symbol of Accumulated PHICH EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PHI?

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PHI**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PHI

Parameter/Response:

---

Description: You can query Symbol of Accumulated PHICH EVM Peak in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PHI?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PSS**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PSS`

Parameter/Response:

Description: You can query Symbol of Accumulated PSS EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PSS?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PSS**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PSS`

Parameter/Response:

Description: You can query Symbol of Accumulated PSS EVM Peak in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PSS?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS`

Parameter/Response:

Description: You can query Symbol of Accumulated RS EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS`

Parameter/Response:

Description: You can query Symbol of Accumulated RS EVM Peak in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS#**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS#`

Parameter/Response:

Description: You can query Symbol of Accumulated RS# (0,1,2,3) EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS#?`

---

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS#**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS#

Parameter/Response:

Description: You can query Symbol of Accumulated RS# (0,1,2,3) EVM Peak in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:RS#?

#### **LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:SSS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:SSS

Parameter/Response:

Description: You can query Symbol of Accumulated SSS EVM Peak in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:SSS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:SSS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:SSS

Parameter/Response:

Description: You can query Symbol of Accumulated SSS EVM Peak in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:SSS?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:MBMS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:MBMS

Parameter/Response:

Description: You can query Accumulated EVM RMS of MBMS RS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:MBMS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:MBMS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:MBMS

Parameter/Response:

Description: You can query Accumulated EVM RMS of MBMS RS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:MBMS?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB

Parameter/Response:

---

Description: You can query Accumulated EVM RMS of PBCH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB`

Parameter/Response:

Description: You can query Accumulated EVM RMS of PBCH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PCFI**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PCFI`

Parameter/Response:

Description: You can query Accumulated EVM RMS of PCFICH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PCFI?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PCFI**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PCFI`

Parameter/Response:

Description: You can query Accumulated EVM RMS of PCFICH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PCFI?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC`

Parameter/Response:

Description: You can query Accumulated EVM RMS of PDCCH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC`

Parameter/Response:

Description: You can query Accumulated EVM RMS of PDCCH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC?`

---

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PHI**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PHI

Parameter/Response:

Description: You can query Accumulated EVM RMS of PHICH in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PHI?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PHI**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PHI

Parameter/Response:

Description: You can query Accumulated EVM RMS of PHICH in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PHI?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS

Parameter/Response:

Description: You can query Accumulated EVM RMS of PSS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS

Parameter/Response:

Description: You can query Accumulated EVM RMS of PSS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS

Parameter/Response:

Description: You can query Accumulated EVM RMS of RS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS

Parameter/Response:

---

Description: You can query Accumulated EVM RMS of RS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS#**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS#`

Parameter/Response:

Description: You can query Accumulated EVM RMS of RS# (0,1,2,3) in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS#?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS#**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS#`

Parameter/Response:

Description: You can query Accumulated EVM RMS of RS# (0,1,2,3) in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS#?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS`

Parameter/Response:

Description: You can query Accumulated EVM RMS of SSS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS`

Parameter/Response:

Description: You can query Accumulated EVM RMS of SSS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:MBMS**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:MBMS`

Parameter/Response:

Description: You can query EVM RMS of MBMS RS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:MBMS?`

---

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:MBMS**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:MBMS

Parameter/Response:

Description: You can query EVM RMS of MBMS RS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:MBMS?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:MBMS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:MBMS

Parameter/Response:

Description: You can query EVM RMS of MBMS RS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:MBMS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:MBMS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:MBMS

Parameter/Response:

Description: You can query EVM RMS of MBMS RS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:MBMS?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PB**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PB

Parameter/Response:

Description: You can query EVM RMS of PBCH in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PB?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PB**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PB

Parameter/Response:

Description: : You can query EVM RMS of PBCH in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PB?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PCFI**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PCFI

Parameter/Response:



---

Description: : You can query EVM RMS of PCFICH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PCFI?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PCFI**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PCFI`

Parameter/Response:

Description: : You can query EVM RMS of PCFICH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PCFI?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PDC**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PDC`

Parameter/Response:

Description: You can query EVM RMS of PDCCH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PDC?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PDC**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PDC`

Parameter/Response:

Description: You can query EVM RMS of PDCCH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PDC?`

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PHI**

Syntax: `LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PHI`

Parameter/Response:

Description: You can query EVM RMS of PHICH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PHI?`

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PHI**

Syntax: `LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PHI`

Parameter/Response:

Description: You can query EVM RMS of PHICH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PHI?`

---

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PSS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PSS

Parameter/Response:

Description: You can query EVM RMS of PSS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:PSS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PSS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PSS

Parameter/Response:

Description: You can query EVM RMS of PSS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:PSS?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS

Parameter/Response:

Description: You can query EVM RMS of RS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS

Parameter/Response:

Description: You can query EVM RMS of RS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS#**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS#

Parameter/Response:

Description: You can query EVM RMS of RS# (0,1,2,3) in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS#?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS#**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS#

Parameter/Response:

---

Description: You can query EVM RMS of RS# (0,1,2,3) in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:RS#?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:SSS**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:SSS

Parameter/Response:

Description: You can query EVM RMS of SSS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:NORMal:SSS?

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:SSS**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:SSS

Parameter/Response:

Description: You can query EVM RMS of SSS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:NORMal:SSS?

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:PB**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:PB

Parameter/Response:

Description: You can query EVM RMS of PBCH in OTA Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:PB?

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:PB**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:PB

Parameter/Response:

Description: You can query EVM RMS of PBCH in OTA Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:PB?

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:PCFI**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:PCFI

Parameter/Response:

Description: You can query EVM RMS of PCFICH in OTA Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:PCFI?

---

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:PCFI**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:PCFI

Parameter/Response:

Description: You can query EVM RMS of PCFICH in OTA Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:PCFI?

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:PSS**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:PSS

Parameter/Response:

Description: You can query EVM RMS of PSS in OTA Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:PSS?

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:PSS**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:PSS

Parameter/Response:

Description: You can query EVM RMS of PSS in OTA Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:PSS?

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:RS#**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:RS#

Parameter/Response:

Description: You can query EVM RMS of RS# (0,1,2,3) in OTA Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:RS3?

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:RS#**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:RS#

Parameter/Response:

Description: You can query EVM RMS of RS# (0,1,2,3) in OTA Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:RS3?

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS0:DATA**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS0:DATA

Parameter/Response:

---

**Example:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS0:DATA?`  
**Description:** You can query EVM Data of RS0 in OTA Control Channel measurement of LTE TDD Analyzer

**LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS0:JUDGe**

**Syntax:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS0:JUDGe`  
**Parameter/Response:**  
**Example:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS0:JUDGe?`  
**Description:** You can query pass or fail for EVM Data of RS0 in OTA Control Channel measurement of LTE TDD Analyzer

**LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS1:DATA**

**Syntax:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS1:DATA`  
**Parameter/Response:**  
**Example:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS1:DATA?`  
**Description:** You can query EVM Data of RS1 in OTA Control Channel measurement of LTE TDD Analyzer

**LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS1:JUDGe**

**Syntax:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS1:JUDGe`  
**Parameter/Response:**  
**Example:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS1:JUDGe?`  
**Description:** You can query pass or fail for EVM Data of RS1 in OTA Control Channel measurement of LTE TDD Analyzer

**LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS2:DATA**

**Syntax:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS2:DATA`  
**Parameter/Response:**  
**Example:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS2:DATA?`  
**Description:** You can query EVM Data of RS2 in OTA Control Channel measurement of LTE TDD Analyzer

**LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:SSS**

**Syntax:** `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:SSS`  
**Parameter/Response:**  
**Description:** You can query EVM RMS of SSS in OTA Control Channel measurement of LTE FDD Analyzer  
**Example:**  
`LTE:FDD:OTA:CONTRol:CHANnel:EVM:RMS:SSS?`

**LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:SSS**

**Syntax:** `LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:SSS`  
**Parameter/Response:**

---

Description: You can query EVM RMS of SSS in OTA Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:EVM:RMS:SSS?`

#### **LTE:FDD:SUBFrame:RS0:EVM:PEAK:ACCumulate**

Syntax: `LTE:FDD:SUBFrame:RS0:EVM:PEAK:ACCumulate`

Parameter/Response:

Description: You can query Accumulated EVM RS0 Peak in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:RS0:EVM:PEAK:ACCumulate?`

#### **LTE:TDD:SUBFrame:RS0:EVM:PEAK:ACCumulate**

Syntax: `LTE:TDD:SUBFrame:RS0:EVM:PEAK:ACCumulate`

Parameter/Response:

Description: You can query Accumulated EVM RS0 Peak in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:RS0:EVM:PEAK:ACCumulate?`

#### **LTE:FDD:SUBFrame:RS0:EVM:PEAK:NORMal**

Syntax: `LTE:FDD:SUBFrame:RS0:EVM:PEAK:NORMal`

Parameter/Response:

Description: You can query EVM RS0 Peak in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:RS0:EVM:PEAK:NORMal?`

#### **LTE:TDD:SUBFrame:RS0:EVM:PEAK:NORMal**

Syntax: `LTE:TDD:SUBFrame:RS0:EVM:PEAK:NORMal`

Parameter/Response:

Description: You can query EVM RS0 Peak in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:RS0:EVM:PEAK:NORMal?`

#### **LTE:FDD:FRAME:RS0:EVM:RMS:ACCumulate**

Syntax: `LTE:FDD:FRAME:RS0:EVM:RMS:ACCumulate`

Parameter/Response:

Description: You can query Accumulated EVM RS0 RMS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:RS0:EVM:RMS:ACCumulate?`

---

#### **LTE:FDD:FRAME:RS0:EVM:RMS:NORMal**

Syntax: LTE:FDD:FRAME:RS0:EVM:RMS:NORMal

Parameter/Response:

Description: You can query EVM RS0 RMS in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:RS0:EVM:RMS:NORMal?

#### **LTE:FDD:SUBFrame:RS1:EVM:PEAK:ACCumulate**

Syntax: LTE:FDD:SUBFrame:RS1:EVM:PEAK:ACCumulate

Parameter/Response:

Description: You can query Accumulated EVM RS1 Peak in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:RS1:EVM:PEAK:ACCumulate?

#### **LTE:TDD:SUBFrame:RS1:EVM:PEAK:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS1:EVM:PEAK:ACCumulate

Parameter/Response:

Description: You can query Accumulated EVM RS1 Peak in Subframe measurement of LTE TDD Analyzer

Example:

LTE:TDD:SUBFrame:RS1:EVM:PEAK:ACCumulate?

#### **LTE:FDD:SUBFrame:RS1:EVM:PEAK:NORMal**

Syntax: LTE:FDD:SUBFrame:RS1:EVM:PEAK:NORMal

Parameter/Response:

Description: You can query EVM RS1 Peak in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:RS1:EVM:PEAK:NORMal?

#### **LTE:TDD:SUBFrame:RS1:EVM:PEAK:NORMal**

Syntax: LTE:TDD:SUBFrame:RS1:EVM:PEAK:NORMal

Parameter/Response:

Description: You can query EVM RS1 Peak in Subframe measurement of LTE TDD Analyzer

Example:

LTE:TDD:SUBFrame:RS1:EVM:PEAK:NORMal?

#### **LTE:FDD:FRAME:RS1:EVM:RMS:ACCumulate**

Syntax: LTE:FDD:FRAME:RS1:EVM:RMS:ACCumulate

Parameter/Response:

---

Description: You can query Accumulated EVM RS1 RMS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:RS1:EVM:RMS:ACCumulate?`

#### **LTE:FDD:FRAMe:RS1:EVM:RMS:NORMal**

Syntax: `LTE:FDD:FRAMe:RS1:EVM:RMS:NORMal`

Parameter/Response:

Description: You can query EVM RS1 RMS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:RS1:EVM:RMS:NORMal?`

#### **LTE:FDD:SUBFrame:RS2:EVM:PEAK:ACCumulate**

Syntax: `LTE:FDD:SUBFrame:RS2:EVM:PEAK:ACCumulate`

Parameter/Response:

Description: You can query Accumulated EVM RS2 Peak in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:RS2:EVM:PEAK:ACCumulate?`

#### **LTE:TDD:SUBFrame:RS2:EVM:PEAK:ACCumulate**

Syntax: `LTE:TDD:SUBFrame:RS2:EVM:PEAK:ACCumulate`

Parameter/Response:

Description: You can query Accumulated EVM RS2 Peak in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:RS2:EVM:PEAK:ACCumulate?`

#### **LTE:FDD:SUBFrame:RS2:EVM:PEAK:NORMal**

Syntax: `LTE:FDD:SUBFrame:RS2:EVM:PEAK:NORMal`

Parameter/Response:

Description: You can query EVM RS2 Peak in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:RS2:EVM:PEAK:NORMal?`

#### **LTE:TDD:SUBFrame:RS2:EVM:PEAK:NORMal**

Syntax: `LTE:TDD:SUBFrame:RS2:EVM:PEAK:NORMal`

Parameter/Response:

Description: You can query EVM RS2 Peak in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:RS2:EVM:PEAK:NORMal?`



---

### **LTE:FDD:FRAME:RS2:EVM:RMS:ACCumulate**

Syntax: LTE:FDD:FRAME:RS2:EVM:RMS:ACCumulate

Parameter/Response:

Description: You can query Accumulated EVM RS2 RMS in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:RS2:EVM:RMS:ACCumulate?

### **LTE:FDD:FRAME:RS2:EVM:RMS:NORMal**

Syntax: LTE:FDD:FRAME:RS2:EVM:RMS:NORMal

Parameter/Response:

Description: You can query EVM RS2 RMS in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:RS2:EVM:RMS:NORMal?

### **LTE:FDD:SUBFrame:RS3:EVM:PEAK:ACCumulate**

Syntax: LTE:FDD:SUBFrame:RS3:EVM:PEAK:ACCumulate

Parameter/Response:

Description: You can query Accumulated EVM RS3 Peak in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:RS3:EVM:PEAK:ACCumulate?

### **LTE:TDD:SUBFrame:RS3:EVM:PEAK:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS3:EVM:PEAK:ACCumulate

Parameter/Response:

Description: You can query Accumulated EVM RS3 Peak in Subframe measurement of LTE FDD Analyzer

Example:

LTE:TDD:SUBFrame:RS3:EVM:PEAK:ACCumulate?

### **LTE:FDD:SUBFrame:RS3:EVM:PEAK:NORMal**

Syntax: LTE:FDD:SUBFrame:RS3:EVM:PEAK:NORMal

Parameter/Response:

Description: You can query EVM RS3 Peak in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:RS3:EVM:PEAK:NORMal?

### **LTE:TDD:SUBFrame:RS3:EVM:PEAK:NORMal**

Syntax: LTE:TDD:SUBFrame:RS3:EVM:PEAK:NORMal

Parameter/Response:

---

Description: You can query EVM RS3 Peak in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:RS3:EVM:PEAK:NORMAL?`

#### **LTE:FDD:FRAME:RS3:EVM:RMS:ACCumulate**

Syntax: `LTE:FDD:FRAME:RS3:EVM:RMS:ACCumulate`

Parameter/Response:

Description: You can query Accumulated EVM RS3 RMS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:RS3:EVM:RMS:ACCumulate?`

#### **LTE:FDD:FRAME:RS3:EVM:RMS:NORMAL**

Syntax: `LTE:FDD:FRAME:RS3:EVM:RMS:NORMAL`

Parameter/Response:

Description: : You can query EVM RS3 RMS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:RS3:EVM:RMS:NORMAL?`

#### **LTE:FDD:TAE:RS:EVM:ANTenna#:JUDGE**

Syntax: `LTE:FDD:TAE:RS:EVM:ANTenna#:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the EVM RS of Antenna# (0,1,2,3) in Time Alignment Error measurement of LTE FDD Analyzer

Example:

`LTE:FDD:TAE:RS:EVM:ANTenna3:JUDGE?`

#### **LTE:TDD:TAE:RS:EVM:ANTenna#:JUDGE**

Syntax: `LTE:TDD:TAE:RS:EVM:ANTenna#:JUDGE`

Parameter/Response:

Description: You can query pass or fail for the EVM RS of Antenna# (0,1,2,3) in Time Alignment Error measurement of LTE TDD Analyzer

Example:

`LTE:TDD:TAE:RS:EVM:ANTenna3:JUDGE?`

#### **LTE:FDD:FRAME:RS:EVM:PEAK:ACCumulate**

Syntax: `LTE:FDD:FRAME:RS:EVM:PEAK:ACCumulate`

Parameter/Response:

Description: You can query Accumulated EVM RS Peak in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAME:RS:EVM:PEAK:ACCumulate?`

---

#### **LTE:FDD:FRAME:RS:EVM:PEAK:NORMaI**

Syntax: LTE:FDD:FRAME:RS:EVM:PEAK:NORMaI

Parameter/Response:

Description: You can query EVM RS Peak in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:RS:EVM:PEAK:NORMaI?

#### **LTE:FDD:FRAME:RS:EVM:PEAK:SYMBol**

Syntax: LTE:FDD:FRAME:RS:EVM:PEAK:SYMBol

Parameter/Response:

Description: You can query Symbol of EVM RS Peak in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:RS:EVM:PEAK:SYMBol?

#### **LTE:FDD:SUBFrame:RS:EVM:RMS:JUDGe**

Syntax: LTE:FDD:SUBFrame:RS:EVM:RMS:JUDGe

Parameter/Response:

Description: You can query pass or fail for the EVM RS RMS in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:RS:EVM:RMS:JUDGe?

#### **LTE:TDD:SUBFrame:RS:EVM:RMS:JUDGe**

Syntax: LTE:TDD:SUBFrame:RS:EVM:RMS:JUDGe

Parameter/Response:

Description: You can query pass or fail for the EVM RS RMS in Subframe measurement of LTE FDD Analyzer

Example:

LTE:TDD:SUBFrame:RS:EVM:RMS:JUDGe?

#### **LTE:FDD:FRAME:RS:EVM:RMS:ACCumulate**

Syntax: LTE:FDD:FRAME:RS:EVM:RMS:ACCumulate

Parameter/Response:

Description: You can query Accumulated EVM RS RMS in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:RS:EVM:RMS:ACCumulate?

#### **LTE:FDD:FRAME:RS:EVM:RMS:NORMaI**

Syntax: LTE:FDD:FRAME:RS:EVM:RMS:NORMaI

Parameter/Response:

---

Description: You can query EVM RS RMS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:RS:EVM:RMS:NORMal?`

#### **LTE:FDD:TAE:EVM:RS:ANTenna#**

Syntax: `LTE:FDD:TAE:EVM:RS:ANTenna#`

Parameter/Response:

Description: You can query EVM RS of Antenna# (0,1,2,3) in Time Alignment Error measurement of LTE FDD Analyzer

Example:

`LTE:FDD:TAE:EVM:RS:ANTenna3?`

#### **LTE:TDD:TAE:EVM:RS:ANTenna#**

Syntax: `LTE:TDD:TAE:EVM:RS:ANTenna#`

Parameter/Response:

Description: You can query EVM RS of Antenna# (0,1,2,3) in Time Alignment Error measurement of LTE TDD Analyzer

Example:

`LTE:TDD:TAE:EVM:RS:ANTenna3?`

#### **LTE:FDD:SUBFrame:EVM:QAM16**

Syntax: `LTE:FDD:SUBFrame:EVM:QAM16`

Parameter/Response:

Description: You can query QAM16 EVM in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:EVM:QAM16?`

#### **LTE:TDD:SUBFrame:EVM:QAM16**

Syntax: `LTE:TDD:SUBFrame:EVM:QAM16`

Parameter/Response:

Description: You can query QAM16 EVM in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:EVM:QAM16?`

#### **LTE:FDD:CA:EVM:QAM16:CC#**

Syntax: `LTE:FDD:CA:EVM:QAM16:CC#`

Parameter/Response:

Description: You can query QAM16 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:EVM:QAM16:CC05?`

---

#### **LTE:TDD:CA:EVM:QAM16:CC#**

Syntax: LTE:TDD:CA:EVM:QAM16:CC#

Parameter/Response:

Description: You can query QAM16 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:QAM16:CC05?

#### **LTE:FDD:SUBFrame:EVM:QAM256**

Syntax: LTE:FDD:SUBFrame:EVM:QAM256

Parameter/Response:

Description: You can query QAM256 EVM in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:EVM:QAM256?

#### **LTE:TDD:SUBFrame:EVM:QAM256**

Syntax: LTE:TDD:SUBFrame:EVM:QAM256

Parameter/Response:

Description: You can query QAM256 EVM in Subframe measurement of LTE TDD Analyzer

Example:

LTE:TDD:SUBFrame:EVM:QAM256?

#### **LTE:FDD:CA:EVM:QAM256:CC#**

Syntax: LTE:FDD:CA:EVM:QAM256:CC#

Parameter/Response:

Description: You can query QAM256 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:QAM256:CC05?

#### **LTE:TDD:CA:EVM:QAM256:CC#**

Syntax: LTE:TDD:CA:EVM:QAM256:CC#

Parameter/Response:

Description: You can query QAM256 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:QAM256:CC05?

#### **LTE:FDD:SUBFrame:EVM:QAM64**

Syntax: LTE:FDD:SUBFrame:EVM:QAM64

Parameter/Response:

---

Description: You can query QAM64 EVM in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:EVM:QAM64?`

#### **LTE:TDD:SUBFrame:EVM:QAM64**

Syntax: `LTE:TDD:SUBFrame:EVM:QAM64`

Parameter/Response:

Description: You can query QAM64 EVM in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:EVM:QAM64?`

#### **LTE:FDD:CA:EVM:QAM64:CC#**

Syntax: `LTE:FDD:CA:EVM:QAM64:CC#`

Parameter/Response:

Description: You can query QAM64 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:EVM:QAM64:CC05?`

#### **LTE:TDD:CA:EVM:QAM64:CC#**

Syntax: `LTE:TDD:CA:EVM:QAM64:CC#`

Parameter/Response:

Description: You can query QAM64 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:EVM:QAM64:CC05?`

#### **LTE:FDD:FRAMe:EVM:MBMS**

Syntax: `LTE:FDD:FRAMe:EVM:MBMS`

Parameter/Response:

Description: You can query MBMS EVM in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:EVM:MBMS?`

#### **LTE:FDD:CA:EVM:MBMS:CC#**

Syntax: `LTE:FDD:CA:EVM:MBMS:CC#`

Parameter/Response:

Description: You can query MBMS EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:EVM:MBMS:CC05?`

---

#### **LTE:TDD:CA:EVM:MBMS:CC#**

Syntax: LTE:TDD:CA:EVM:MBMS:CC#

Parameter/Response:

Description: You can query MBMS EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:TDD:CA:EVM:MBMS:CC05?

#### **LTE:FDD:FRAME:EVM:PB**

Syntax: LTE:FDD:FRAME:EVM:PB

Parameter/Response:

Description: You can query PBCH EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:PB?

#### **LTE:FDD:CA:EVM:PB:CC#**

Syntax: LTE:FDD:CA:EVM:PB:CC#

Parameter/Response:

Description: You can query PBCH EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:PB:CC05?

#### **LTE:TDD:CA:EVM:PB:CC#**

Syntax: LTE:TDD:CA:EVM:PB:CC#

Parameter/Response:

Description: You can query PBCH EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:PB:CC05?

#### **LTE:FDD:FRAME:EVM:PCFI**

Syntax: LTE:FDD:FRAME:EVM:PCFI

Parameter/Response:

Description: You can query PCFICH EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:PCFI?

#### **LTE:FDD:CA:EVM:PCFI:CC#**

Syntax: LTE:FDD:CA:EVM:PCFI:CC#

Parameter/Response:

---

Description: You can query PCFICH EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:PCFI:CC05?

#### **LTE:TDD:CA:EVM:PCFI:CC#**

Syntax: LTE:TDD:CA:EVM:PCFI:CC#

Parameter/Response:

Description: You can query PCFICH EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:PCFI:CC05?

#### **LTE:FDD:FRAME:EVM:PDC**

Syntax: LTE:FDD:FRAME:EVM:PDC

Parameter/Response:

Description: You can query PDCCH EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:PDC?

#### **LTE:FDD:FRAME:EVM:QAM16**

Syntax: LTE:FDD:FRAME:EVM:QAM16

Parameter/Response:

Description: You can query QAM16 EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:QAM16?

#### **LTE:FDD:FRAME:EVM:QAM256**

Syntax: LTE:FDD:FRAME:EVM:QAM256

Parameter/Response:

Description: You can query QAM256 EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:QAM256?

#### **LTE:FDD:FRAME:EVM:QAM64**

Syntax: LTE:FDD:FRAME:EVM:QAM64

Parameter/Response:

Description: You can query QAM64 EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:QAM64?



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### **LTE:FDD:FRAMe:EVM:QPSK**

Syntax: LTE:FDD:FRAMe:EVM:QPSK

Parameter/Response:

Description: You can query QPSK EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:QPSK?

### **LTE:FDD:FRAMe:EVM:PHI**

Syntax: LTE:FDD:FRAMe:EVM:PHI

Parameter/Response:

Description: You can query PHICH EVM in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PHI?

### **LTE:FDD:FRAMe:EVM:PMCH:QAM16**

Syntax: LTE:FDD:FRAMe:EVM:PMCH:QAM16

Parameter/Response:

Description: You can query EVM of PMCH QAM16 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PMCH:QAM16?

### **LTE:FDD:FRAMe:EVM:PMCH:QAM256**

Syntax: LTE:FDD:FRAMe:EVM:PMCH:QAM256

Parameter/Response:

Description: You can query EVM of PMCH QAM256 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PMCH:QAM256?

### **LTE:FDD:FRAMe:EVM:PMCH:QAM64**

Syntax: LTE:FDD:FRAMe:EVM:PMCH:QAM64

Parameter/Response:

Description: You can query EVM of PMCH QAM64 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:PMCH:QAM64?

### **LTE:FDD:FRAMe:EVM:PMCH:QPSK**

Syntax: LTE:FDD:FRAMe:EVM:PMCH:QPSK

Parameter/Response:

---

Description: You can query EVM of PMCH QPSK in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:EVM:PMCH:QPSK?`

#### **LTE:FDD:FRAMe:EVM:PSS**

Syntax: `LTE:FDD:FRAMe:EVM:PSS`

Parameter/Response:

Description: You can query EVM of PSS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:EVM:PSS?`

#### **LTE:FDD:CA:EVM:PSS:CC#**

Syntax: `LTE:FDD:CA:EVM:PSS:CC#`

Parameter/Response:

Description: You can query PSS EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:EVM:PSS:CC05?`

#### **LTE:TDD:CA:EVM:PSS:CC#**

Syntax: `LTE:TDD:CA:EVM:PSS:CC#`

Parameter/Response:

Description: You can query PSS EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:EVM:PSS:CC05?`

#### **LTE:FDD:SUBFrame:EVM:QPSK**

Syntax: `LTE:FDD:SUBFrame:EVM:QPSK`

Parameter/Response:

Description: You can query QPSK EVM in Subframe measurement of LTE FDD Analyzer

Example: `LTE:FDD:SUBFrame:EVM:QPSK?`

#### **LTE:TDD:SUBFrame:EVM:QPSK**

Syntax: `LTE:TDD:SUBFrame:EVM:QPSK`

Parameter/Response:

Description: You can query QPSK EVM in Subframe measurement of LTE TDD Analyzer

Example: `LTE:TDD:SUBFrame:EVM:QPSK?`

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### **LTE:FDD:CA:EVM:QPSK:CC#**

Syntax: LTE:FDD:CA:EVM:QPSK:CC#

Parameter/Response:

Description: You can query QPSK EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:QPSK:CC05?

### **LTE:TDD:CA:EVM:QPSK:CC#**

Syntax: LTE:TDD:CA:EVM:QPSK:CC#

Parameter/Response:

Description: You can query QPSK EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:QPSK:CC05?

### **LTE:FDD:FRAMe:EVM:RS**

Syntax: LTE:FDD:FRAMe:EVM:RS

Parameter/Response:

Description: You can query EVM of RS in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAMe:EVM:RS?

### **LTE:FDD:SUBFrame:EVM:RS**

Syntax: LTE:FDD:SUBFrame:EVM:RS

Parameter/Response:

Description: You can query EVM of RS in Subframe measurement of LTE FDD Analyzer

Example:

LTE:FDD:SUBFrame:EVM:RS3?

### **LTE:TDD:SUBFrame:EVM:RS**

Syntax: LTE:TDD:SUBFrame:EVM:RS

Parameter/Response:

Description: You can query EVM of RS in Subframe measurement of LTE TDD Analyzer

Example:

LTE:TDD:SUBFrame:EVM:RS3?

### **LTE:FDD:SUBFrame:EVM:RS:JUDGE**

Syntax: LTE:FDD:SUBFrame:EVM:RS:JUDGE

Parameter/Response:

---

**Example:** `LTE:FDD:SUBFrame:EVM:RS:JUDGE?`

**Description:** You can query pass or fail for EVM of RS in Subframe measurement of LTE FDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:RS:JUDGE**

**Syntax:** `LTE:TDD:SUBFrame:EVM:RS:JUDGE`

**Parameter/Response:**

**Example:** `LTE:TDD:SUBFrame:EVM:RS:JUDGE?`

**Description:** You can query pass or fail for EVM of RS in Subframe measurement of LTE TDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:PB**

**Syntax:** `LTE:FDD:SUBFrame:EVM:PB`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:EVM:PB?`

**Description:** You can query EVM of PB in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:SSS**

**Syntax:** `LTE:FDD:SUBFrame:EVM:SSS`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:EVM:SSS?`

**Description:** You can query EVM of SSS in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:SSS:JUDGE**

**Syntax:** `LTE:FDD:SUBFrame:EVM:SSS:JUDGE`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:EVM:SSS:JUDGE?`

**Description:** You can query pass or fail for EVM of SSS in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:UNALlocated**

**Syntax:** `LTE:FDD:SUBFrame:EVM:UNALlocated`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:EVM:UNALlocated?`

**Description:** You can query EVM of Unlocated in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:FREQuency:ERRor:HZ**

**Syntax:** `LTE:FDD:SUBFrame:FREQuency:ERRor:HZ`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:FREQuency:ERRor:HZ?`

---

Description: You can query Frequency Error (Hz) in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:FREQUENCY:ERRor:JUDGE**

Syntax: LTE:FDD:SUBFrame:FREQUENCY:ERRor:JUDGE

Parameter/Response:

Example: LTE:FDD:SUBFrame:FREQUENCY:ERRor:JUDGE?

Description: You can query pass or fail for Frequency Error (Hz) in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:FREQUENCY:ERRor:PPM**

Syntax: LTE:FDD:SUBFrame:FREQUENCY:ERRor:PPM

Parameter/Response:

Example: LTE:FDD:SUBFrame:FREQUENCY:ERRor:PPM?

Description: You can query Frequency Error (ppm) in Subframe measurement of LTE FDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:SSS**

Syntax: LTE:TDD:SUBFrame:EVM:SSS

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:SSS?

Description: You can query SSS EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:SSS:JUDGE**

Syntax: LTE:TDD:SUBFrame:EVM:SSS:JUDGE

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:SSS:JUDGE?

Description: You can query pass or fail for SSS EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:UNALlocated**

Syntax: LTE:TDD:SUBFrame:EVM:UNALlocated

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:UNALlocated?

Description: You can query Unlocated EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:FREQUENCY:ERRor:HZ**

Syntax: LTE:TDD:SUBFrame:FREQUENCY:ERRor:HZ

Parameter/Response:

Example: LTE:TDD:SUBFrame:FREQUENCY:ERRor:HZ?

---

Description: You can query Frequency Error (Hz) in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:FREQUENCY:ERRor:JUDGE**

Syntax: LTE:TDD:SUBFrame:FREQUENCY:ERRor:JUDGE

Parameter/Response:

Example: LTE:TDD:SUBFrame:FREQUENCY:ERRor:JUDGE?

Description: You can query pass or fail for Frequency Error (Hz) in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:FREQUENCY:ERRor:PPM**

Syntax: LTE:TDD:SUBFrame:FREQUENCY:ERRor:PPM

Parameter/Response:

Example: LTE:TDD:SUBFrame:FREQUENCY:ERRor:PPM?

Description: You can query Frequency Error (ppm) in Subframe measurement of LTE TDD Analyzer

#### **LTE:FDD:FRAME:EVM:RS0**

Syntax: LTE:FDD:FRAME:EVM:RS0

Parameter/Response:

Description: You can query EVM of RS0 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:RS0?

#### **LTE:FDD:CA:EVM:RS0:CC#**

Syntax: LTE:FDD:CA:EVM:RS0:CC#

Parameter/Response:

Description: You can query RS0 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:RS0:CC05?

#### **LTE:TDD:CA:EVM:RS0:CC#**

Syntax: LTE:TDD:CA:EVM:RS0:CC#

Parameter/Response:

Description: You can query RS0 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:RS0:CC05?

#### **LTE:TDD:CA:EVM:RS0:CC#:JUDGE**

Syntax: LTE:TDD:CA:EVM:RS0:CC#:JUDGE

---

Parameter/Response:

Description: You can query pass or fail for RS0 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:RS0:CC05:JUDGE?

#### **LTE:FDD:FRAME:EVM:RS1**

Syntax: LTE:FDD:FRAME:EVM:RS1

Parameter/Response:

Description: You can query EVM of RS1 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:RS1?

#### **LTE:FDD:CA:EVM:RS1:CC#**

Syntax: LTE:FDD:CA:EVM:RS1:CC#

Parameter/Response:

Description: You can query RS1 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:RS1:CC05?

#### **LTE:TDD:CA:EVM:RS1:CC#**

Syntax: LTE:TDD:CA:EVM:RS1:CC#

Parameter/Response:

Description: You can query RS1 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:RS1:CC05?

#### **LTE:TDD:CA:EVM:RS1:CC#:JUDGE**

Syntax: LTE:TDD:CA:EVM:RS1:CC#:JUDGE

Parameter/Response:

Example: LTE:TDD:CA:EVM:RS1:CC05:JUDGE?

Description: You can query pass or fail for RS1 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

#### **LTE:FDD:FRAME:EVM:RS2**

Syntax: LTE:FDD:FRAME:EVM:RS2

Parameter/Response:

Description: You can query EVM of RS2 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:RS2?

---

#### **LTE:FDD:CA:EVM:RS2:CC#**

Syntax: LTE:FDD:CA:EVM:RS2:CC#

Parameter/Response:

Description: You can query RS2 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:RS2:CC05?

#### **LTE:FDD:CA:EVM:RS2:CC#:JUDGE**

Syntax: LTE:FDD:CA:EVM:RS2:CC#:JUDGE

Parameter/Response:

Example: LTE:FDD:CA:EVM:RS2:CC05:JUDGE?

Description: You can query pass or fail for RS2 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

#### **LTE:TDD:CA:EVM:RS2:CC#**

Syntax: LTE:TDD:CA:EVM:RS2:CC#

Parameter/Response:

Description: You can query RS2 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:RS2:CC05?

#### **LTE:TDD:CA:EVM:RS2:CC#:JUDGE**

Syntax: LTE:TDD:CA:EVM:RS2:CC#:JUDGE

Parameter/Response:

Example: LTE:TDD:CA:EVM:RS2:CC05:JUDGE?

Description: You can query pass or fail for RS2 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

#### **LTE:FDD:FRAME:EVM:RS3**

Syntax: LTE:FDD:FRAME:EVM:RS3

Parameter/Response:

Description: You can query EVM of RS3 in Frame measurement of LTE FDD Analyzer

Example:

LTE:FDD:FRAME:EVM:RS3?

#### **LTE:FDD:CA:EVM:RS3:CC#**

Syntax: LTE:FDD:CA:EVM:RS3:CC#

Parameter/Response:

Description: You can query RS3 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer



---

Example:

LTE:FDD:CA:EVM:RS3:CC05?

#### **LTE:FDD:CA:EVM:RS3:CC#:JUDGE**

Syntax: LTE:FDD:CA:EVM:RS3:CC#:JUDGE

Parameter/Response:

Example: LTE:FDD:CA:EVM:RS3:CC05:JUDGE?

Description: You can query pass or fail for RS2 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

#### **LTE:TDD:CA:EVM:RS3:CC#**

Syntax: LTE:TDD:CA:EVM:RS3:CC#

Parameter/Response:

Description: You can query RS3 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:RS3:CC05?

#### **LTE:TDD:CA:EVM:RS3:CC#:JUDGE**

Syntax: LTE:TDD:CA:EVM:RS3:CC#:JUDGE

Parameter/Response:

Example: LTE:TDD:CA:EVM:RS3:CC05:JUDGE?

Description: You can query pass or fail for RS2 EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

#### **LTE:FDD:CA:EVM:RS:CC#**

Syntax: LTE:FDD:CA:EVM:RS:CC#

Parameter/Response:

Description: You can query RS EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:EVM:RS:CC05?

#### **LTE:TDD:CA:EVM:RS:CC#**

Syntax: LTE:TDD:CA:EVM:RS:CC#

Parameter/Response:

Description: You can query RS EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:EVM:RS:CC05?

#### **LTE:FDD:FRAME:EVM:SSS**

Syntax: LTE:FDD:FRAME:EVM:SSS

---

Parameter/Response:

Description: You can query EVM of SSS in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:EVM:SSS?`

#### **LTE:FDD:CA:EVM:SSS:CC#**

Syntax: `LTE:FDD:CA:EVM:SSS:CC#`

Parameter/Response:

Description: You can query SSS EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:EVM:SSS:CC05?`

#### **LTE:TDD:CA:EVM:SSS:CC#**

Syntax: `LTE:TDD:CA:EVM:SSS:CC#`

Parameter/Response:

Description: You can query SSS EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:EVM:SSS:CC05?`

#### **LTE:FDD:CA:EVM:SUBFrame:CC#**

Syntax: `LTE:FDD:CA:EVM:SUBFrame:CC#`

Parameter/Response:

Description: You can query Subframe EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CA:EVM:SUBFrame:CC05?`

#### **LTE:TDD:CA:EVM:SUBFrame:CC#**

Syntax: `LTE:TDD:CA:EVM:SUBFrame:CC#`

Parameter/Response:

Description: You can query Subframe EVM of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:EVM:SUBFrame:CC05?`

#### **LTE:FDD:FRAMe:EVM:UNALlocated**

Syntax: `LTE:FDD:FRAMe:EVM:UNALlocated`

Parameter/Response:

Description: You can query EVM of Unallocated in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:EVM:UNALlocated?`

---

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:SSS:JUDGe**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:SSS:JUDGe

Parameter/Response:

Description: You can query pass or fail for the EVM RMS of SSS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:EVM:RMS:SSS:JUDGe?

#### **LTE:FDD:CONTRol:CHANnel:EVM:RMS:RS:JUDGe**

Syntax: LTE:FDD:CONTRol:CHANnel:EVM:RMS:RS:JUDGe

Parameter/Response:

Example: LTE:FDD:CONTRol:CHANnel:EVM:RMS:RS:JUDGe?

Description: You can query pass or fail for the EVM RMS of RS in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:EVM:RMS:SSS:JUDGe**

Syntax: LTE:TDD:CONTRol:CHANnel:EVM:RMS:SSS:JUDGe

Parameter/Response:

Description: You can query pass or fail for the EVM RMS of SSS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:EVM:RMS:SSS:JUDGe?

#### **LTE:FDD:PVST:FRAMe:SLOT:POWeR:FIRSt**

Syntax: LTE:FDD:PVST:FRAMe:SLOT:POWeR:FIRSt

Parameter/Response:

Description: You can query First Slot Power in Power vs Time (Frame) measurement of LTE FDD Analyzer

Example:

LTE:FDD:PVST:FRAMe:SLOT:POWeR:FIRSt?

#### **LTE:TDD:PVST:FRAMe:SLOT:POWeR:FIRSt**

Syntax: LTE:TDD:PVST:FRAMe:SLOT:POWeR:FIRSt

Parameter/Response:

Description: You can query First Slot Power in Power vs Time (Frame) measurement of LTE TDD Analyzer

Example:

LTE:TDD:PVST:FRAMe:SLOT:POWeR:FIRSt?

#### **LTE:FDD:FRAMe:AVERAge:POWeR:JUDGe**

Syntax: LTE:FDD:FRAMe:AVERAge:POWeR:JUDGe

Parameter/Response:

---

Description: You can query pass or fail for the Frame Average Power in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:AVERage:POWer:JUDGe?`

#### **LTE:FDD:FRAMe:POWer:AVERage**

Syntax: `LTE:FDD:FRAMe:POWer:AVERage`

Parameter/Response:

Description: You can query Frame Average Power in Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:POWer:AVERage?`

#### **LTE:FDD:FRAMe:JUDGe**

Syntax: `LTE:FDD:FRAMe:JUDGe`

Parameter/Response:

Description: You can query pass or fail for the Frame measurement of LTE FDD Analyzer

Example:

`LTE:FDD:FRAMe:JUDGe?`

#### **LTE:FDD:PVST:FRAMe:JUDGe**

Syntax: `LTE:FDD:PVST:FRAMe:JUDGe`

Parameter/Response:

Description: You can query pass or fail for Power vs Time (Frame) measurement of LTE FDD Analyzer

Example:

`LTE:FDD:PVST:FRAMe:JUDGe?`

#### **LTE:TDD:PVST:FRAMe:JUDGe**

Syntax: `LTE:TDD:PVST:FRAMe:JUDGe`

Parameter/Response:

Description: You can query pass or fail for Power vs Time (Frame) measurement of LTE TDD Analyzer

Example:

`LTE:TDD:PVST:FRAMe:JUDGe?`

#### **LTE:FDD:PVST:FRAMe:AVERage:POWer**

Syntax: `LTE:FDD:PVST:FRAMe:AVERage:POWer`

Parameter/Response:

Example: `LTE:FDD:PVST:FRAMe:AVERage:POWer?`

Description: You can query Average Power for Power vs Time (Frame) measurement of LTE FDD Analyzer

---

### **LTE:TDD:PVST:FRAMe:AVERage:POWer**

Syntax: LTE:TDD:PVST:FRAMe:AVERage:POWer

Parameter/Response:

Example: LTE:TDD:PVST:FRAMe:AVERage:POWer?

Description: You can query Average Power for Power vs Time (Frame) measurement of LTE TDD Analyzer

### **LTE:FDD:PVST:FRAMe:FRAMe:AVERage:POWer:JUDGe**

Syntax: LTE:FDD:PVST:FRAMe:FRAMe:AVERage:POWer:JUDGe

Parameter/Response:

Example: LTE:FDD:PVST:FRAMe:FRAMe:AVERage:POWer:JUDGe?

Description: You can query pass or fail for Frame Average Power for Power vs Time (Frame) measurement of LTE FDD Analyzer

### **LTE:TDD:PVST:FRAMe:FRAMe:AVERage:POWer:JUDGe**

Syntax: LTE:TDD:PVST:FRAMe:FRAMe:AVERage:POWer:JUDGe

Parameter/Response:

Example: LTE:TDD:PVST:FRAMe:FRAMe:AVERage:POWer:JUDGe?

Description: You can query pass or fail for Frame Average Power for Power vs Time (Frame) measurement of LTE TDD Analyzer

### **LTE:FDD:SPECtrum:MARKer#:DELTA:FREQue ncy**

Syntax: LTE:FDD:SPECtrum:MARKer#:DELTA:FREQuency

Parameter/Response:

Description: You can query Delta Marker Frequency for Spectrum measurement in LTE FDD Signal Analyzer

Example:

LTE:FDD:SPECtrum:MARKer1:DELTA:FREQuency?

### **LTE:TDD:SPECtrum:MARKer#:DELTA:FREQuency**

Syntax: LTE:TDD:SPECtrum:MARKer#:DELTA:FREQuency

Parameter/Response:

Description: You can query Delta Marker Frequency for Spectrum measurement in LTE TDD Signal Analyzer

Example:

LTE:TDD:SPECtrum:MARKer1:DELTA:FREQuency?

### **LTE:FDD:CHANnel:POWEr:MARKer#:DELTA:FREQuency**

Syntax: LTE:FDD:CHANnel:POWEr:MARKer#:DELTA:FREQuency

Parameter/Response:

Description: You can query Delta Marker Frequency for Channel Power measurement in LTE FDD Signal Analyzer

Example:

---

`LTE:FDD:CHANnel:POWEr:MARKer1:DELTA:FREQuency?`

#### **LTE:TDD:CHANnel:POWEr:MARKer#:DELTA:FREQuency**

Syntax: `LTE:TDD:CHANnel:POWEr:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Channel Power measurement in LTE TDD Signal Analyzer

Example:

`LTE:TDD:CHANnel:POWEr:MARKer1:DELTA:FREQuency?`

#### **LTE:FDD:OCCUpied:BW:MARKer#:DELTA:FREQuency**

Syntax: `LTE:FDD:OCCUpied:BW:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Occupied Bandwidth measurement in LTE FDD Signal Analyzer

Example:

`LTE:FDD:OCCUpied:BW:MARKer1:DELTA:FREQuency?`

#### **LTE:TDD:OCCUpied:BW:MARKer#:DELTA:FREQuency**

Syntax: `LTE:TDD:OCCUpied:BW:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Occupied Bandwidth measurement in LTE TDD Signal Analyzer

Example:

`LTE:TDD:OCCUpied:BW:MARKer1:DELTA:FREQuency?`

#### **LTE:FDD:ACP:MARKer#:DELTA:FREQuency**

Syntax: `LTE:FDD:ACP:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Adjacent Channel Power measurement in LTE FDD Signal Analyzer

Example:

`LTE:FDD:ACP:MARKer1:DELTA:FREQuency?`

#### **LTE:TDD:ACP:MARKer#:DELTA:FREQuency**

Syntax: `LTE:TDD:ACP:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Adjacent Channel Power measurement in LTE TDD Signal Analyzer

Example:

`LTE:TDD:ACP:MARKer1:DELTA:FREQuency?`

#### **LTE:FDD:SEM:MARKer#:DELTA:FREQuency**

Syntax: `LTE:FDD:SEM:MARKer#:DELTA:FREQuency`

---

Parameter/Response:

Description: You can query Delta Marker Frequency for Spectrum Emission Mask measurement in LTE FDD Signal Analyzer

Example:

`LTE:FDD:SEM:MARKer1:DELTA:FREQuency?`

#### **LTE:TDD:SEM:MARKer#:DELTA:FREQuency**

Syntax: `LTE:TDD:SEM:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Spectrum Emission Mask measurement in LTE TDD Signal Analyzer

Example:

`LTE:TDD:SEM:MARKer1:DELTA:FREQuency?`

#### **LTE:FDD:MACP:MARKer#:DELTA:FREQuency**

Syntax: `LTE:FDD:MACP:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Multiple Adjacent Channel Power measurement in LTE FDD Signal Analyzer

Example:

`LTE:FDD:MACP:MARKer1:DELTA:FREQuency?`

#### **LTE:TDD:MACP:MARKer#:DELTA:FREQuency**

Syntax: `LTE:TDD:MACP:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Multiple Adjacent Channel Power measurement in LTE TDD Signal Analyzer

Example:

`LTE:TDD:MACP:MARKer1:DELTA:FREQuency?`

#### **LTE:FDD:SE:MARKer#:DELTA:FREQuency**

Syntax: `LTE:FDD:SE:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Spurious Emissions measurement in LTE FDD Signal Analyzer

Example:

`LTE:FDD:SE:MARKer1:DELTA:FREQuency?`

#### **LTE:TDD:SE:MARKer#:DELTA:FREQuency**

Syntax: `LTE:TDD:SE:MARKer#:DELTA:FREQuency`

Parameter/Response:

Description: You can query Delta Marker Frequency for Spurious Emissions measurement in LTE TDD Signal Analyzer

Example:

`LTE:TDD:SE:MARKer1:DELTA:FREQuency?`

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### **LTE:FDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:JUDGe**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:JUDGe

Parameter/Response:

Description: You can query pass or fail for Frequency Error in OTA Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:JUDGe?

### **LTE:TDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:JUDGe**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:JUDGe

Parameter/Response:

Description: You can query pass or fail for Frequency Error in OTA Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:JUDGe?

### **LTE:FDD:CA:FREQuency:ERRor:CC#:JUDGe**

Syntax: LTE:FDD:CA:FREQuency:ERRor:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for Frequency Error of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:FREQuency:ERRor:CC05:JUDGe?

### **LTE:TDD:CA:FREQuency:ERRor:CC#:JUDGe**

Syntax: LTE:TDD:CA:FREQuency:ERRor:CC#:JUDGe

Parameter/Response:

Description: You can query pass or fail for Frequency Error of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CA:FREQuency:ERRor:CC05:JUDGe?

### **LTE:FDD:CA:FREQuency:ERRor:CC#**

Syntax: LTE:FDD:CA:FREQuency:ERRor:CC#

Parameter/Response:

Description: You can query Frequency Error of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CA:FREQuency:ERRor:CC05?

### **LTE:TDD:CA:FREQuency:ERRor:CC#**

Syntax: LTE:TDD:CA:FREQuency:ERRor:CC#

Parameter/Response:



---

Description: You can query Frequency Error of Carrier Channel in Carrier Aggregation measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CA:FREQUENCY:ERROR:CC05?`

#### **LTE:FDD:OTA:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ**

Syntax: `LTE:FDD:OTA:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ`

Parameter/Response:

Description: You can query Frequency Error in Hz in OTA Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ?`

#### **LTE:TDD:OTA:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ**

Syntax: `LTE:TDD:OTA:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ`

Parameter/Response:

Description: You can query Frequency Error in Hz in OTA Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ?`

#### **LTE:FDD:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ:MBMS**

Syntax: `LTE:FDD:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ:MBMS`

Parameter/Response:

Description: You can query Frequency Error (Hz) of MBSFN RS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ:MBMS?`

#### **LTE:TDD:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ:MBMS**

Syntax: `LTE:TDD:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ:MBMS`

Parameter/Response:

Description: You can query Frequency Error (Hz) of MBSFN RS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ:MBMS?`

#### **LTE:FDD:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ:PB**

Syntax: `LTE:FDD:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ:PB`

Parameter/Response:

Description: You can query Frequency Error (Hz) of PBCH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTROL:CHANNEL:FREQUENCY:ERROR:HZ:PB?`

---

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PB**

Syntax: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PB

Parameter/Response:

Description: You can query Frequency Error (Hz) of PBCH in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PB?

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PCFI**

Syntax: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PCFI

Parameter/Response:

Description: You can query Frequency Error (Hz) of PCFICH in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PCFI?

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PCFI**

Syntax: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PCFI

Parameter/Response:

Description: You can query Frequency Error (Hz) of PCFICH in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PCFI?

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC**

Syntax: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC

Parameter/Response:

Description: You can query Frequency Error (Hz) of PDCCH in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC?

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC**

Syntax: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC

Parameter/Response:

Description: You can query Frequency Error (Hz) of PDCCH in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC?

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PHI**

Syntax: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PHI

Parameter/Response:

---

Description: You can query Frequency Error (Hz) of PHICH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PHI?`

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PHI**

Syntax: `LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PHI`

Parameter/Response:

Description: You can query Frequency Error (Hz) of PHICH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PHI?`

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS**

Syntax: `LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS`

Parameter/Response:

Description: You can query Frequency Error (Hz) of PSS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS?`

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS**

Syntax: `LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS`

Parameter/Response:

Description: You can query Frequency Error (Hz) of PSS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS?`

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS**

Syntax: `LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS`

Parameter/Response:

Description: You can query Frequency Error (Hz) of RS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS?`

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS**

Syntax: `LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS`

Parameter/Response:

Description: You can query Frequency Error (Hz) of RS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS?`

---

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS#**

Syntax: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS#

Parameter/Response:

Description: You can query Frequency Error (Hz) of RS# (0,1,2,3) in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS#?

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS#**

Syntax: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS#

Parameter/Response:

Description: You can query Frequency Error (Hz) of RS# (0,1,2,3) in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS#?

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS**

Syntax: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS

Parameter/Response:

Description: You can query Frequency Error (Hz) of SSS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS?

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:JUDGE**

Syntax: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:JUDGE

Parameter/Response:

Example: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:JUDGE?

Description: You can query Frequency Error (Hz) of SSS in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:JUDGE**

Syntax: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:JUDGE

Parameter/Response:

Example: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:JUDGE?

Description:

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS**

Syntax: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS

Parameter/Response:

Description: You can query Frequency Error (Hz) of SSS in Control Channel measurement of LTE TDD Analyzer

Example:

---

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:PPM**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:PPM`

Parameter/Response:

Description: You can query Frequency Error in ppm in OTA Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:PPM?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:PPM**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:PPM`

Parameter/Response:

Description: You can query Frequency Error in ppm in OTA Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:FREQuency:ERRor:PPM?`

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:MBMS**

Syntax: `LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:MBMS`

Parameter/Response:

Description: You can query Frequency Error (ppm) of MBSFN RS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:MBMS?`

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:MBMS**

Syntax: `LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:MBMS`

Parameter/Response:

Description: You can query Frequency Error (ppm) of MBSFN RS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:MBMS?`

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB**

Syntax: `LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB`

Parameter/Response:

Description: You can query Frequency Error (ppm) of PBCH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB?`

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB**

Syntax: `LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB`

---

Parameter/Response:

Description: You can query Frequency Error (ppm) of PBCH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB?`

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PCFI**

Syntax: `LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PCFI`

Parameter/Response:

Description: You can query Frequency Error (ppm) of PCFICH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PCFI?`

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PCFI**

Syntax: `LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PCFI`

Parameter/Response:

Description: You can query Frequency Error (ppm) of PCFICH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PCFI?`

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC**

Syntax: `LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC`

Parameter/Response:

Description: You can query Frequency Error (ppm) of PDCCH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC?`

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC**

Syntax: `LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC`

Parameter/Response:

Description: You can query Frequency Error (ppm) of PDCCH in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC?`

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PHI**

Syntax: `LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PHI`

Parameter/Response:

Description: You can query Frequency Error (ppm) of PHICH in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PHI?`

---

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PHI**

Syntax: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PHI

Parameter/Response:

Description: You can query Frequency Error (ppm) of PHICH in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PHI?

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS**

Syntax: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS

Parameter/Response:

Description: You can query Frequency Error (ppm) of PSS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS?

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS**

Syntax: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS

Parameter/Response:

Description: You can query Frequency Error (ppm) of PSS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS?

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS**

Syntax: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS

Parameter/Response:

Description: You can query Frequency Error (ppm) of RS in Control Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS?

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS**

Syntax: LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS

Parameter/Response:

Description: You can query Frequency Error (ppm) of RS in Control Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS?

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS#**

Syntax: LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS#

Parameter/Response:

---

Description: You can query Frequency Error (ppm) of RS# (0,1,2,3) in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS#?`

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS#**

Syntax: `LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS#`

Parameter/Response:

Description: You can query Frequency Error (ppm) of RS# (0,1,2,3) in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS#?`

#### **LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS**

Syntax: `LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS`

Parameter/Response:

Description: You can query Frequency Error (ppm) of SSS in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS?`

#### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:JUDGE**

Syntax: `LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:JUDGE`

Parameter/Response:

Example: `LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:JUDGE?`

Description: You can query IQ Origin Offset of SSS in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:JUDGE**

Syntax: `LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:JUDGE`

Parameter/Response:

Example: `LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:JUDGE?`

Description: You can query IQ Origin Offset of SSS in Control Channel measurement of LTE TDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS**

Syntax: `LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS`

Parameter/Response:

Description: You can query Frequency Error (ppm) of SSS in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS?`



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### **LTE:FDD:SPECTrum:MARKer#:FREQuency**

Syntax: LTE:FDD:SPECTrum:MARKer#:FREQuency

Parameter/Response:

Description: You can query Marker Frequency in Spectrum measurement of LTE FDD Analyzer

Example:

LTE:FDD:SPECTrum:MARKer1:FREQuency?

### **LTE:TDD:SPECTrum:MARKer#:FREQuency**

Syntax: LTE:TDD:SPECTrum:MARKer#:FREQuency

Parameter/Response:

Description: You can query Marker Frequency in Spectrum measurement of LTE TDD Analyzer

Example:

LTE:TDD:SPECTrum:MARKer1:FREQuency?

### **LTE:FDD:CHANnel:POWER:MARKer#:FREQuency**

Syntax: LTE:FDD:CHANnel:POWER:MARKer#:FREQuency

Parameter/Response:

Description: You can query Marker Frequency in Channel Power measurement of LTE FDD Analyzer

Example:

LTE:FDD:CHANnel:POWER:MARKer1:FREQuency?

### **LTE:TDD:CHANnel:POWER:MARKer#:FREQuency**

Syntax: LTE:TDD:CHANnel:POWER:MARKer#:FREQuency

Parameter/Response:

Description: You can query Marker Frequency in Channel Power measurement of LTE TDD Analyzer

Example:

LTE:TDD:CHANnel:POWER:MARKer1:FREQuency?

### **LTE:FDD:OCCUpied:BW:MARKer#:FREQuency**

Syntax: LTE:FDD:OCCUpied:BW:MARKer#:FREQuency

Parameter/Response:

Description: You can query Marker Frequency in Occupied Bandwidth measurement of LTE FDD Analyzer

Example:

LTE:FDD:OCCUpied:BW:MARKer1:FREQuency?

### **LTE:TDD:OCCUpied:BW:MARKer#:FREQuency**

Syntax: LTE:TDD:OCCUpied:BW:MARKer#:FREQuency

Parameter/Response:

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Description: You can query Marker Frequency in Occupied Bandwidth measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OCCUpied:BW:MARKer1:FREQuency?`

#### **LTE:FDD:ACP:MARKer#:FREQuency**

Syntax: `LTE:FDD:ACP:MARKer#:FREQuency`

Parameter/Response:

Description: You can query Marker Frequency in Adjacent Channel Power measurement of LTE FDD Analyzer

Example:

`LTE:FDD:ACP:MARKer1:FREQuency?`

#### **LTE:TDD:ACP:MARKer#:FREQuency**

Syntax: `LTE:TDD:ACP:MARKer#:FREQuency`

Parameter/Response:

Description: You can query Marker Frequency in Adjacent Channel Power measurement of LTE TDD Analyzer

Example:

`LTE:TDD:ACP:MARKer1:FREQuency?`

#### **LTE:FDD:SEM:MARKer#:FREQuency**

Syntax: `LTE:FDD:SEM:MARKer#:FREQuency`

Parameter/Response:

Description: You can query Marker Frequency in Spectrum Emission Mask measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SEM:MARKer1:FREQuency?`

#### **LTE:TDD:SEM:MARKer#:FREQuency**

Syntax: `LTE:TDD:SEM:MARKer#:FREQuency`

Parameter/Response:

Description: You can query Marker Frequency in Spectrum Emission Mask measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SEM:MARKer1:FREQuency?`

#### **LTE:FDD:MACP:MARKer#:FREQuency**

Syntax: `LTE:FDD:MACP:MARKer#:FREQuency`

Parameter/Response:

Description: You can query Marker Frequency in Multi-ACP measurement of LTE FDD Analyzer

Example:

`LTE:FDD:MACP:MARKer1:FREQuency?`

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### **LTE:TDD:MACP:MARKer#:FREQuency**

Syntax: LTE:TDD:MACP:MARKer#:FREQuency

Parameter/Response:

Description: You can query Marker Frequency in Multi-ACP measurement of LTE TDD Analyzer

Example:

LTE:TDD:MACP:MARKer1:FREQuency?

### **LTE:FDD:SE:MARKer#:FREQuency**

Syntax: LTE:FDD:SE:MARKer#:FREQuency

Parameter/Response:

Description: You can query Marker Frequency in Spurious Emissions measurement of LTE FDD Analyzer

Example:

LTE:FDD:SE:MARKer1:FREQuency?

### **LTE:TDD:SE:MARKer#:FREQuency**

Syntax: LTE:TDD:SE:MARKer#:FREQuency

Parameter/Response:

Description: You can query Marker Frequency in Spurious Emissions measurement of LTE TDD Analyzer

Example:

LTE:TDD:SE:MARKer1:FREQuency?

### **LTE:FDD:CCDF:GAUSSian**

Syntax: LTE:FDD:CCDF:GAUSSian

Parameter/Response:

Description: You can query Gaussian in CCDF measurement of LTE FDD Analyzer

Example:

LTE:FDD:CCDF:GAUSSian?

### **LTE:TDD:CCDF:GAUSSian**

Syntax: LTE:TDD:CCDF:GAUSSian

Parameter/Response:

Description: You can query Gaussian in CCDF measurement of LTE TDD Analyzer

Example:

LTE:TDD:CCDF:GAUSSian?

### **LTE:TDD:PVST:FRAME:GP:POWer**

Syntax: LTE:TDD:PVST:FRAME:GP:POWer

Parameter/Response:

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Description: You can query GP Power in Power vs Time (Frame) measurement of LTE TDD Analyzer

Example:

`LTE:TDD:PVST:FRAME:GP:POWer?`

#### **LTE:FDD:OTA:DATAgram:CURSor:GNSS**

Syntax: `LTE:FDD:OTA:DATAgram:CURSor:GNSS`

Parameter/Response:

Description: You can query GNSS information of Cursor in OTA Datagram measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OTA:DATAgram:CURSor:GNSS?`

#### **LTE:TDD:OTA:DATAgram:CURSor:GNSS**

Syntax: `LTE:TDD:OTA:DATAgram:CURSor:GNSS`

Parameter/Response:

Description: You can query GNSS information of Cursor in OTA Datagram measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OTA:DATAgram:CURSor:GNSS?`

#### **LTE:FDD:TAE:HISTory:DATA**

Syntax: `LTE:FDD:TAE:HISTory:DATA`

Parameter/Response:

Description: You can query History Data in Time Alignment Error measurement of LTE FDD Analyzer

Example:

`LTE:FDD:TAE:HISTory:DATA?`

#### **LTE:TDD:TAE:HISTory:DATA**

Syntax: `LTE:TDD:TAE:HISTory:DATA`

Parameter/Response:

Description: You can query History Data in Time Alignment Error measurement of LTE TDD Analyzer

Example:

`LTE:TDD:TAE:HISTory:DATA?`

#### **LTE:FDD:TAE:HISTory:LENGth**

Syntax: `LTE:FDD:TAE:HISTory:LENGth`

Parameter/Response:

Description: You can query History length in Time Alignment Error measurement of LTE FDD Analyzer

Example:

`LTE:FDD:TAE:HISTory:LENGth?`

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### **LTE:TDD:TAE:HISTory:LENGth**

Syntax: LTE:TDD:TAE:HISTory:LENGth

Parameter/Response:

Description: You can query History length in Time Alignment Error measurement of LTE TDD Analyzer

Example:

LTE:TDD:TAE:HISTory:LENGth?

### **LTE:TDD:TAE:JUDGe**

Syntax: LTE:TDD:TAE:JUDGe

Parameter/Response:

Example: LTE:TDD:TAE:JUDGe?

Description: You can query pass or fail for Time Alignment Error measurement of LTE TDD Analyzer

### **LTE:TDD:TAE:MEASured:CFI**

Syntax: LTE:TDD:TAE:MEASured:CFI

Parameter/Response:

Example: LTE:TDD:TAE:MEASured:CFI?

Description: You can query Measured CFI in Time Alignment Error measurement of LTE TDD Signal Analyzer

### **LTE:FDD:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe**

Syntax: LTE:FDD:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe

Parameter/Response:

Description: You can query pass or fail for IQ Origin Offset in Power vs Time (Frame) measurement of LTE FDD Analyzer

Example:

LTE:FDD:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe?

### **LTE:TDD:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe**

Syntax: LTE:TDD:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe

Parameter/Response:

Description: You can query pass or fail for IQ Origin Offset in Power vs Time (Frame) measurement of LTE TDD Analyzer

Example:

LTE:TDD:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe?

### **LTE:FDD:PVST:FRAME:IQ:ORIGin:OFFSet**

Syntax: LTE:FDD:PVST:FRAME:IQ:ORIGin:OFFSet

Parameter/Response:

Description: You can query IQ Origin Offset in Power vs Time (Frame) measurement of LTE FDD Analyzer

---

Example:

`LTE:FDD:PVST:FRAME:IQ:ORIGin:OFFSet?`

#### **LTE:TDD:PVST:FRAME:IQ:ORIGin:OFFSet**

Syntax: `LTE:TDD:PVST:FRAME:IQ:ORIGin:OFFSet`

Parameter/Response:

Description: You can query IQ Origin Offset in Power vs Time (Frame) measurement of LTE TDD Analyzer

Example:

`LTE:TDD:PVST:FRAME:IQ:ORIGin:OFFSet?`

#### **LTE:FDD:OCCupied:BW:INTegrated:POWer**

Syntax: `LTE:FDD:OCCupied:BW:INTegrated:POWer`

Parameter/Response:

Description: You can query Integrated Power in Occupied Bandwidth measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OCCupied:BW:INTegrated:POWer?`

#### **LTE:TDD:OCCupied:BW:INTegrated:POWer**

Syntax: `LTE:TDD:OCCupied:BW:INTegrated:POWer`

Parameter/Response:

Description: You can query Integrated Power in Occupied Bandwidth measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OCCupied:BW:INTegrated:POWer?`

#### **LTE:FDD:CHANnel:POWer:INTegration:BW**

Syntax: `LTE:FDD:CHANnel:POWer:INTegration:BW`

Parameter/Response:

Description: You can query Integration Bandwidth in Channel Power measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CHANnel:POWer:INTegration:BW?`

#### **LTE:TDD:CHANnel:POWer:INTegration:BW**

Syntax: `LTE:TDD:CHANnel:POWer:INTegration:BW`

Parameter/Response:

Description: You can query Integration Bandwidth in Channel Power measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CHANnel:POWer:INTegration:BW?`

---

### **LTE:FDD:MACP:INTEgration:LOWer#:ABSolute:POWer**

Syntax: LTE:FDD:MACP:INTEgration:LOWer#:ABSolute:POWer

Parameter/Response:

Description: You can query Absolute Integration Power of lower channel in Multi Adjacent Channel Power measurement of LTE FDD Analyzer

Example:

LTE:FDD:MACP:INTEgration:LOWer5:ABSolute:POWer?

### **LTE:TDD:MACP:INTEgration:LOWer#:ABSolute:POWer**

Syntax: LTE:TDD:MACP:INTEgration:LOWer#:ABSolute:POWer

Parameter/Response:

Description: You can query Absolute Integration Power of lower channel in Multi Adjacent Channel Power measurement of LTE FDD Analyzer

Example:

LTE:TDD:MACP:INTEgration:LOWer5:ABSolute:POWer?

### **LTE:FDD:MACP:INTEgration:LOWer#:JUDGe**

Syntax: LTE:FDD:MACP:INTEgration:LOWer#:JUDGe

Parameter/Response:

Description: You can query pass or fail for Integration Power of Lower Channel in Multi Adjacent Channel Power measurement of LTE FDD Analyzer

Example:

LTE:FDD:MACP:INTEgration:LOWer5:JUDGe?

### **LTE:TDD:MACP:INTEgration:LOWer#:JUDGe**

Syntax: LTE:TDD:MACP:INTEgration:LOWer#:JUDGe

Parameter/Response:

Description: You can query pass or fail for Integration Power of Lower Channel in Multi Adjacent Channel Power measurement of LTE TDD Analyzer

Example:

LTE:TDD:MACP:INTEgration:LOWer5:JUDGe?

### **LTE:FDD:MACP:INTEgration:LOWer#:RELative:POWer**

Syntax: LTE:FDD:MACP:INTEgration:LOWer#:RELative:POWer

Parameter/Response:

Description: You can query Relative Integration Power of Lower Channel in Multi Adjacent Channel Power measurement of LTE FDD Analyzer

Example:

LTE:FDD:MACP:INTEgration:LOWer5:RELative:POWer?

### **LTE:TDD:MACP:INTEgration:LOWer#:RELative:POWer**

Syntax: LTE:TDD:MACP:INTEgration:LOWer#:RELative:POWer

Parameter/Response:

---

Description: You can query Relative Integration Power of Lower Channel in Multi Adjacent Channel Power measurement of LTE TDD Analyzer

Example:

`LTE:TDD:MACP:INTEgration:LOWer5:RELative:POWER?`

#### **LTE:FDD:MACP:INTEgration:UPPer#:ABSolute:POWER**

Syntax: `LTE:FDD:MACP:INTEgration:UPPer#:ABSolute:POWER`

Parameter/Response:

Description: You can query Absolute Integration Power of Upper Channel in Multi Adjacent Channel Power measurement of LTE FDD Analyzer

Example:

`LTE:FDD:MACP:INTEgration:UPPer5:ABSolute:POWER?`

#### **LTE:TDD:MACP:INTEgration:UPPer#:ABSolute:POWER**

Syntax: `LTE:TDD:MACP:INTEgration:UPPer#:ABSolute:POWER`

Parameter/Response:

Description: You can query Absolute Integration Power of Upper Channel in Multi Adjacent Channel Power measurement of LTE TDD Analyzer

Example:

`LTE:TDD:MACP:INTEgration:UPPer5:ABSolute:POWER?`

#### **LTE:FDD:MACP:INTEgration:UPPer#:JUDGE**

Syntax: `LTE:FDD:MACP:INTEgration:UPPer#:JUDGE`

Parameter/Response:

Description: You can query pass or fail for Integration Power of Upper Channel in Multi Adjacent Channel Power measurement of LTE FDD Analyzer

Example:

`LTE:FDD:MACP:INTEgration:UPPer5:JUDGE?`

#### **LTE:TDD:MACP:INTEgration:UPPer#:JUDGE**

Syntax: `LTE:TDD:MACP:INTEgration:UPPer#:JUDGE`

Parameter/Response:

Description: You can query pass or fail for Integration Power of Upper Channel in Multi Adjacent Channel Power measurement of LTE TDD Analyzer

Example:

`LTE:TDD:MACP:INTEgration:UPPer5:JUDGE?`

#### **LTE:FDD:MACP:INTEgration:UPPer#:RELative:POWER**

Syntax: `LTE:FDD:MACP:INTEgration:UPPer#:RELative:POWER`

Parameter/Response:

Description: You can query Relative Integration Power of Upper Channel in Multi Adjacent Channel Power measurement of LTE FDD Analyzer

Example:

`LTE:FDD:MACP:INTEgration:UPPer5:RELative:POWER?`



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### **LTE:TDD:MACP:INTEgration:UPPer#:RELative:POWer**

Syntax: LTE:TDD:MACP:INTEgration:UPPer#:RELative:POWer

Parameter/Response:

Description: You can query Relative Integration Power of Upper Channel in Multi Adjacent Channel Power measurement of LTE TDD Analyzer

Example:

LTE:TDD:MACP:INTEgration:UPPer5:RELative:POWer?

### **LTE:FDD:CONStellation:MEASured:CFI**

Syntax: LTE:FDD:CONStellation:MEASured:CFI

Parameter/Response:

Description: You can query Measured CFI in Constellation measurement of LTE FDD Analyzer

Example:

LTE:FDD:CONStellation:MEASured:CFI?

### **LTE:TDD:CONStellation:MEASured:CFI**

Syntax: LTE:TDD:CONStellation:MEASured:CFI

Parameter/Response:

Description: You can query Measured CFI in Constellation measurement of LTE TDD Analyzer

Example:

LTE:TDD:CONStellation:MEASured:CFI?

### **LTE:FDD:CHANnel:DATA:MEASured:CFI**

Syntax: LTE:FDD:CHANnel:DATA:MEASured:CFI

Parameter/Response:

Description: You can query Measured CFI in Data Channel measurement of LTE FDD Analyzer

Example:

LTE:FDD:CHANnel:DATA:MEASured:CFI?

### **LTE:TDD:CHANnel:DATA:MEASured:CFI**

Syntax: LTE:TDD:CHANnel:DATA:MEASured:CFI

Parameter/Response:

Description: You can query Measured CFI in Data Channel measurement of LTE TDD Analyzer

Example:

LTE:TDD:CHANnel:DATA:MEASured:CFI?

### **LTE:FDD:CHANnel:CONTRol:MEASured:CFI**

Syntax: LTE:FDD:CHANnel:CONTRol:MEASured:CFI

Parameter/Response:

---

Description: You can query Measured CFI in Control Channel measurement of LTE FDD Analyzer

Example:

`LTE:FDD:CHANnel:CONTRol:MEASured:CFI?`

#### **LTE:TDD:CHANnel:CONTRol:MEASured:CFI**

Syntax: `LTE:TDD:CHANnel:CONTRol:MEASured:CFI`

Parameter/Response:

Description: You can query Measured CFI in Control Channel measurement of LTE TDD Analyzer

Example:

`LTE:TDD:CHANnel:CONTRol:MEASured:CFI?`

#### **LTE:FDD:SUBFrame:MEASured:CFI**

Syntax: `LTE:FDD:SUBFrame:MEASured:CFI`

Parameter/Response:

Description: You can query Measured CFI in Subframe measurement of LTE FDD Analyzer

Example:

`LTE:FDD:SUBFrame:MEASured:CFI?`

#### **LTE:TDD:SUBFrame:MEASured:CFI**

Syntax: `LTE:TDD:SUBFrame:MEASured:CFI`

Parameter/Response:

Description: You can query Measured CFI in Subframe measurement of LTE TDD Analyzer

Example:

`LTE:TDD:SUBFrame:MEASured:CFI?`

#### **LTE:FDD:DAM:MEASured:CFI**

Syntax: `LTE:FDD:DAM:MEASured:CFI`

Parameter/Response:

Description: You can query Measured CFI in Data Allocation Map measurement of LTE FDD Analyzer

Example:

`LTE:FDD:DAM:MEASured:CFI?`

#### **LTE:TDD:DAM:MEASured:CFI**

Syntax: `LTE:TDD:DAM:MEASured:CFI`

Parameter/Response:

Description: You can query Measured CFI in Data Allocation Map measurement of LTE TDD Analyzer

Example:

`LTE:TDD:DAM:MEASured:CFI?`

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#### **LTE:FDD:PVST:FRAME:CELL:ID**

Syntax: LTE:FDD:PVST:FRAME:CELL:ID

Parameter/Response:

Description: You can query Cell ID in Power vs Time (Frame) measurement of LTE FDD Analyzer

Example:

LTE:FDD:PVST:FRAME:CELL:ID?

#### **LTE:TDD:PVST:FRAME:CELL:ID**

Syntax: LTE:TDD:PVST:FRAME:CELL:ID

Parameter/Response:

Description: You can query Cell ID in Power vs Time (Frame) measurement of LTE TDD Analyzer

Example:

LTE:TDD:PVST:FRAME:CELL:ID?

#### **LTE:TDD:PVST:SLOT:CELL:ID**

Syntax: LTE:TDD:PVST:SLOT:CELL:ID

Parameter/Response:

Description: You can query Cell ID in Power vs Time (Slot) measurement of LTE TDD Analyzer

Example:

LTE:TDD:PVST:SLOT:CELL:ID?

#### **LTE:FDD:CONStellation:CELL:ID**

Syntax: LTE:FDD:CONStellation:CELL:ID

Parameter/Response:

Description: You can query Cell ID in constellation measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONStellation:CELL:ID?

#### **LTE:TDD:CONStellation:CELL:ID**

Syntax: LTE:TDD:CONStellation:CELL:ID

Parameter/Response:

Description: You can query Cell ID in constellation measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONStellation:CELL:ID?

#### **LTE:FDD:CHANnel:DATA:CELL:ID**

Syntax: LTE:FDD:CHANnel:DATA:CELL:ID

Parameter/Response:

---

Description: You can query Cell ID in Data Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CHANnel:DATA:CELL:ID?`

#### **LTE:TDD:CHANnel:DATA:CELL:ID**

Syntax: `LTE:TDD:CHANnel:DATA:CELL:ID`

Parameter/Response:

Description: You can query Cell ID in Data Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CHANnel:DATA:CELL:ID?`

#### **LTE:FDD:CHANnel:CONTRol:CELL:ID**

Syntax: `LTE:FDD:CHANnel:CONTRol:CELL:ID`

Parameter/Response:

Description: You can query Cell ID in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CHANnel:CONTRol:CELL:ID?`

#### **LTE:TDD:CHANnel:CONTRol:CELL:ID**

Syntax: `LTE:TDD:CHANnel:CONTRol:CELL:ID`

Parameter/Response:

Description: You can query Cell ID in Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CHANnel:CONTRol:CELL:ID?`

#### **LTE:FDD:SUBFrame:CELL:ID**

Syntax: `LTE:FDD:SUBFrame:CELL:ID`

Parameter/Response:

Description: You can query Cell ID in Subframe measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:CELL:ID?`

#### **LTE:TDD:SUBFrame:CELL:ID**

Syntax: `LTE:TDD:SUBFrame:CELL:ID`

Parameter/Response:

Description: You can query Cell ID in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:CELL:ID?`

---

### **LTE:FDD:FRAMe:CELL:ID**

Syntax: LTE:FDD:FRAMe:CELL:ID

Parameter/Response:

Description: You can query Cell ID in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:CELL:ID?

### **LTE:FDD:TAE:CELL:ID**

Syntax: LTE:FDD:TAE:CELL:ID

Parameter/Response:

Description: You can query Cell ID in Time Alignment Error measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:TAE:CELL:ID?

### **LTE:TDD:TAE:CELL:ID**

Syntax: LTE:TDD:TAE:CELL:ID

Parameter/Response:

Description: You can query Cell ID in Time Alignment Error measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:TAE:CELL:ID?

### **LTE:FDD:DAM:CELL:ID**

Syntax: LTE:FDD:DAM:CELL:ID

Parameter/Response:

Description: You can query Cell ID in Data Allocation Map measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:DAM:CELL:ID?

### **LTE:FDD:DAM:DATA:UTILization**

Syntax: LTE:FDD:DAM:DATA:UTILization

Parameter/Response:

Example: LTE:FDD:DAM:DATA:UTILization?

Description: You can query data utilization in Data Allocation Map measurement of LTE FDD Analyzer

### **LTE:FDD:DAM:DETECT:ANTenna0**

Syntax: LTE:FDD:DAM:DETECT:ANTenna0

Parameter/Response:

Example: LTE:FDD:DAM:DETECT:ANTenna0?

---

Description: You can query antenna0 being detected in Data Allocation Map measurement of LTE FDD Analyzer

#### **LTE:FDD:DAM:DETECT:ANTenna1**

Syntax: LTE:FDD:DAM:DETECT:ANTenna1

Parameter/Response:

Example: LTE:FDD:DAM:DETECT:ANTenna1?

Description: You can query antenna1 being detected in Data Allocation Map measurement of LTE FDD Analyzer

#### **LTE:FDD:DAM:DETECT:ANTenna2**

Syntax: LTE:FDD:DAM:DETECT:ANTenna2

Parameter/Response:

Example: LTE:FDD:DAM:DETECT:ANTenna2?

Description: You can query antenna2 being detected in Data Allocation Map measurement of LTE FDD Analyzer

#### **LTE:FDD:DAM:DETECT:ANTenna3**

Syntax: LTE:FDD:DAM:DETECT:ANTenna3

Parameter/Response:

Example: LTE:FDD:DAM:DETECT:ANTenna3?

Description: You can query antenna3 being detected in Data Allocation Map measurement of LTE FDD Analyzer

#### **LTE:TDD:DAM:CELL:ID**

Syntax: LTE:TDD:DAM:CELL:ID

Parameter/Response:

Description: You can query Cell ID in Data Allocation Map measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:DAM:CELL:ID?

#### **LTE:TDD:DAM:DATA:UTILization**

Syntax: LTE:TDD:DAM:DATA:UTILization

Parameter/Response:

Example: LTE:TDD:DAM:DATA:UTILization?

Description: You can query data utilization in Data Allocation Map measurement of LTE TDD Analyzer

#### **LTE:TDD:DAM:DETECT:ANTenna0**

Syntax: LTE:TDD:DAM:DETECT:ANTenna0

Parameter/Response:

Example: LTE:TDD:DAM:DETECT:ANTenna0?

---

Description: You can query antenna0 being detected in Data Allocation Map measurement of LTE TDD Analyzer

#### **LTE:TDD:DAM:DETECT:ANTenna1**

Syntax: LTE:TDD:DAM:DETECT:ANTenna1

Parameter/Response:

Example: LTE:TDD:DAM:DETECT:ANTenna1?

Description: You can query antenna1 being detected in Data Allocation Map measurement of LTE TDD Analyzer

#### **LTE:TDD:DAM:DETECT:ANTenna2**

Syntax: LTE:TDD:DAM:DETECT:ANTenna2

Parameter/Response:

Example: LTE:TDD:DAM:DETECT:ANTenna2?

Description: You can query antenna2 being detected in Data Allocation Map measurement of LTE TDD Analyzer

#### **LTE:TDD:DAM:DETECT:ANTenna3**

Syntax: LTE:TDD:DAM:DETECT:ANTenna3

Parameter/Response:

Example: LTE:TDD:DAM:DETECT:ANTenna3?

Description: You can query antenna3 being detected in Data Allocation Map measurement of LTE TDD Analyzer

#### **LTE:FDD:DAM:DETECT:MBMS:NUMBER**

Syntax: LTE:FDD:DAM:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:FDD:DAM:DETECT:MBMS:NUMBER?

Description: You can query MBMS Number being detected in Data Allocation Map measurement of LTE FDD Analyzer

#### **LTE:TDD:DAM:DETECT:MBMS:NUMBER**

Syntax: LTE:TDD:DAM:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:TDD:DAM:DETECT:MBMS:NUMBER?

Description: You can query MBMS Number being detected in Data Allocation Map measurement of LTE TDD Analyzer

#### **LTE:FDD:OTA:CONTROL:CHANNEL:MEASURED:COUNT**

Syntax: LTE:FDD:OTA:CONTROL:CHANNEL:MEASURED:COUNT

Parameter/Response:

Description: You can query Measured Count in OTA Control Channel measurement of LTE FDD Signal Analyzer

---

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:MEASured:COUNT?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:MEASured:COUNT**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:MEASured:COUNT`

Parameter/Response:

Description: You can query Measured Count in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:MEASured:COUNT?`

#### **LTE:FDD:DAM:MEASured:SUBFrame:NUMBER**

Syntax: `LTE:FDD:DAM:MEASured:SUBFrame:NUMBER`

Parameter/Response:

Description: You can query Measured Subframe Number in Data Allocation Map measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:DAM:MEASured:SUBFrame:NUMBER?`

#### **LTE:TDD:DAM:MEASured:SUBFrame:NUMBER**

Syntax: `LTE:TDD:DAM:MEASured:SUBFrame:NUMBER`

Parameter/Response:

Description: You can query Measured Subframe Number in Data Allocation Map measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:DAM:MEASured:SUBFrame:NUMBER?`

#### **LTE:FDD:DATA:CHANnel:MODulation:FORMat**

Syntax: `LTE:FDD:DATA:CHANnel:MODulation:FORMat`

Parameter/Response:

Description: You can query Modulation Format in Data Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:DATA:CHANnel:MODulation:FORMat?`

#### **LTE:TDD:DATA:CHANnel:MODulation:FORMat**

Syntax: `LTE:TDD:DATA:CHANnel:MODulation:FORMat`

Parameter/Response:

Description: You can query Modulation Format in Data Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:DATA:CHANnel:MODulation:FORMat?`



---

#### **LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:MBMS**

Syntax: LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:MBMS

Parameter/Response:

Description: You can query MBSFN Modulation Format in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:MBMS?

#### **LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:MBMS**

Syntax: LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:MBMS

Parameter/Response:

Description: You can query MBSFN Modulation Format in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:MBMS?

#### **LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PB**

Syntax: LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PB

Parameter/Response:

Description: You can query PBCH Modulation Format in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PB?

#### **LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PB**

Syntax: LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PB

Parameter/Response:

Description: You can query PBCH Modulation Format in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PB?

#### **LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PCFI**

Syntax: LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PCFI

Parameter/Response:

Description: You can query PCFICH Modulation Format in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PCFI?

#### **LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PCFI**

Syntax: LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PCFI

Parameter/Response:

---

Description: You can query PCFICH Modulation Format in Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PCFI?`

#### **LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PDC**

Syntax: `LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PDC`

Parameter/Response:

Description: You can query PDCCH Modulation Format in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PDC?`

#### **LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PDC**

Syntax: `LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PDC`

Parameter/Response:

Description: You can query PDCCH Modulation Format in Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PDC?`

#### **LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PHI**

Syntax: `LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PHI`

Parameter/Response:

Description: You can query PHICH Modulation Format in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PHI?`

#### **LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PHI**

Syntax: `LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PHI`

Parameter/Response:

Description: You can query PHICH Modulation Format in Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PHI?`

#### **LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PSS**

Syntax: `LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PSS`

Parameter/Response:

Description: You can query PSS Modulation Format in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:PSS?`

---

#### **LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PSS**

Syntax: LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PSS

Parameter/Response:

Description: You can query PSS Modulation Format in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:PSS?

#### **LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:RS**

Syntax: LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:RS

Parameter/Response:

Description: You can query RS Modulation Format in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:RS?

#### **LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:RS**

Syntax: LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:RS

Parameter/Response:

Description: You can query RS Modulation Format in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:RS?

#### **LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:RS#**

Syntax: LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:RS#

Parameter/Response:

Description: You can query RS# (0,1,2,3) Modulation Format in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:RS#?

#### **LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:RS#**

Syntax: LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:RS#

Parameter/Response:

Description: You can query RS# (0,1,2,3) Modulation Format in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:RS#?

#### **LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:SSS**

Syntax: LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:SSS

Parameter/Response:

---

Description: You can query SSS Modulation Format in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:MODulation:FORMat:SSS?`

#### **LTE:FDD:CONTRol:CHANnel:POWer:MBMS**

Syntax: `LTE:FDD:CONTRol:CHANnel:POWer:MBMS`

Parameter/Response:

Example: `LTE:FDD:CONTRol:CHANnel:POWer:MBMS?`

Description: You can query MBMS Power in Control Channel measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:MBMS**

Syntax: `LTE:TDD:CONTRol:CHANnel:POWer:MBMS`

Parameter/Response:

Example: `LTE:TDD:CONTRol:CHANnel:POWer:MBMS?`

Description: You can query MBMS Power in Control Channel measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:PB**

Syntax: `LTE:FDD:CONTRol:CHANnel:POWer:PB`

Parameter/Response:

Example: `LTE:FDD:CONTRol:CHANnel:POWer:PB?`

Description: : You can query PB Power in Control Channel measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:PB**

Syntax: `LTE:TDD:CONTRol:CHANnel:POWer:PB`

Parameter/Response:

Example: `LTE:TDD:CONTRol:CHANnel:POWer:PB?`

Description: You can query PB Power in Control Channel measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:PB:JUDGE**

Syntax: `LTE:FDD:CONTRol:CHANnel:POWer:PB:JUDGE`

Parameter/Response:

Example: `LTE:FDD:CONTRol:CHANnel:POWer:PB:JUDGE?`

Description: You can query pass or fail for PB Power in Control Channel measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:PB:JUDGE**

Syntax: `LTE:TDD:CONTRol:CHANnel:POWer:PB:JUDGE`

Parameter/Response:

---

**Example:** `LTE:TDD:CONTRol:CHANnel:POWer:PB:JUDGe?`

**Description:** You can query pass or fail for PB Power in Control Channel measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:PCFI**

**Syntax:** `LTE:FDD:CONTRol:CHANnel:POWer:PCFI`

**Parameter/Response:**

**Example:** `LTE:FDD:CONTRol:CHANnel:POWer:PCFI?`

**Description:** You can query PCFICH Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:PCFI**

**Syntax:** `LTE:TDD:CONTRol:CHANnel:POWer:PCFI`

**Parameter/Response:**

**Example:** `LTE:TDD:CONTRol:CHANnel:POWer:PCFI?`

**Description:** You can query PCFICH Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:PDC**

**Syntax:** `LTE:FDD:CONTRol:CHANnel:POWer:PDC`

**Parameter/Response:**

**Example:** `LTE:FDD:CONTRol:CHANnel:POWer:PDC?`

**Description:** You can query PDCCH Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:PDC**

**Syntax:** `LTE:TDD:CONTRol:CHANnel:POWer:PDC`

**Parameter/Response:**

**Example:** `LTE:TDD:CONTRol:CHANnel:POWer:PDC?`

**Description:** You can query PDCCH Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer: PHI**

**Syntax:** `LTE:FDD:CONTRol:CHANnel:POWer:PHI`

**Parameter/Response:**

**Example:** `LTE:FDD:CONTRol:CHANnel:POWer:PHI?`

**Description:** You can query PHICH Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:PHI**

**Syntax:** `LTE:TDD:CONTRol:CHANnel:POWer:PHI`

**Parameter/Response:**

**Example:** `LTE:TDD:CONTRol:CHANnel:POWer:PHI?`

---

Description: You can query PHICH Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:PSS**

Syntax: LTE:FDD:CONTRol:CHANnel:POWer:PSS

Parameter/Response:

Example: LTE:FDD:CONTRol:CHANnel:POWer:PSS?

Description: You can query PSS Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:PSS**

Syntax: LTE:TDD:CONTRol:CHANnel:POWer:PSS

Parameter/Response:

Example: LTE:TDD:CONTRol:CHANnel:POWer:PSS?

Description: You can query PSS Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:PSS:JUDGe**

Syntax: LTE:FDD:CONTRol:CHANnel:POWer:PSS:JUDGe

Parameter/Response:

Example: LTE:FDD:CONTRol:CHANnel:POWer:PSS:JUDGe?

Description: You can query pass or fail PSS Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:PSS:JUDGe**

Syntax: LTE:TDD:CONTRol:CHANnel:POWer:PSS:JUDGe

Parameter/Response:

Example: LTE:TDD:CONTRol:CHANnel:POWer:PSS:JUDGe?

Description: You can query pass or fail PSS Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:RS**

Syntax: LTE:FDD:CONTRol:CHANnel:POWer:RS

Parameter/Response:

Example: LTE:FDD:CONTRol:CHANnel:POWer:RS?

Description: You can query RS Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:RS**

Syntax: LTE:TDD:CONTRol:CHANnel:POWer:RS

Parameter/Response:

Example: LTE:TDD:CONTRol:CHANnel:POWer:RS?

---

Description: You can query RS Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:RS#**

Syntax: LTE:FDD:CONTRol:CHANnel:POWer:RS3

Parameter/Response:

Example: LTE:FDD:CONTRol:CHANnel:POWer:RS3?

Description: You can query RS number in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:RS#**

Syntax: LTE:TDD:CONTRol:CHANnel:POWer:RS0

Parameter/Response:

Example: LTE:TDD:CONTRol:CHANnel:POWer:RS0?

Description: You can query RS number in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:RS:JUDGE**

Syntax: LTE:FDD:CONTRol:CHANnel:POWer:RS:JUDGE

Parameter/Response:

Example: LTE:FDD:CONTRol:CHANnel:POWer:RS:JUDGE?

Description: You can query pass or fail for RS Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:RS:JUDGE**

Syntax: LTE:TDD:CONTRol:CHANnel:POWer:RS:JUDGE

Parameter/Response:

Example: LTE:TDD:CONTRol:CHANnel:POWer:RS:JUDGE?

Description: You can query pass or fail for RS Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:SSS**

Syntax: LTE:FDD:CONTRol:CHANnel:POWer:SSS

Parameter/Response:

Example: LTE:FDD:CONTRol:CHANnel:POWer:SSS?

Description: You can query SSS Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:SSS**

Syntax: LTE:TDD:CONTRol:CHANnel:POWer:SSS

Parameter/Response:

Example: LTE:TDD:CONTRol:CHANnel:POWer:SSS?

---

Description: You can query SSS Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:CHANnel:POWer:SSS:JUDGe**

Syntax: LTE:FDD:CONTRol:CHANnel:POWer:SSS:JUDGe

Parameter/Response:

Example: LTE:FDD:CONTRol:CHANnel:POWer:SSS:JUDGe?

Description: You can query pass or fail SSS Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:POWer:SSS:JUDGe**

Syntax: LTE:TDD:CONTRol:CHANnel:POWer:SSS:JUDGe

Parameter/Response:

Example: LTE:TDD:CONTRol:CHANnel:POWer:SSS:JUDGe?

Description: You can query pass or fail SSS Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:FDD:CONTRol:SUBFrame:POWer**

Syntax: LTE:FDD:CONTRol:SUBFrame:POWer

Parameter/Response:

Example: LTE:FDD:CONTRol:SUBFrame:POWer?

Description: You can Subframe Power in Control Channel measurement of LTE FDD Analyzer

#### **LTE:TDD:CONTRol:SUBFrame:POWer**

Syntax: LTE:TDD:CONTRol:SUBFrame:POWer

Parameter/Response:

Example: LTE:TDD:CONTRol:SUBFrame:POWer?

Description: You can Subframe Power in Control Channel measurement of LTE TDD Analyzer

#### **LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:SSS**

Syntax: LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:SSS

Parameter/Response:

Description: You can query SSS Modulation Format in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:MODulation:FORMat:SSS?

#### **LTE:FDD:SUBFrame:MODulation:TYPE:QAM16**

Syntax: LTE:FDD:SUBFrame:MODulation:TYPE:QAM16

Parameter/Response:



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Description: You can query Modulation Type of QAM16 in Subframe measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:MODulation:TYPE:QAM16?`

#### **LTE:TDD:SUBFrame:MODulation:TYPE:QAM16**

Syntax: `LTE:TDD:SUBFrame:MODulation:TYPE:QAM16`

Parameter/Response:

Description: You can query Modulation Type of QAM16 in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:MODulation:TYPE:QAM16?`

#### **LTE:FDD:SUBFrame:MODulation:TYPE:QAM256**

Syntax: `LTE:FDD:SUBFrame:MODulation:TYPE:QAM256`

Parameter/Response:

Description: You can query Modulation Type of QAM256 in Subframe measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:MODulation:TYPE:QAM256?`

#### **LTE:TDD:SUBFrame:MODulation:TYPE:QAM256**

Syntax: `LTE:TDD:SUBFrame:MODulation:TYPE:QAM256`

Parameter/Response:

Description: You can query Modulation Type of QAM256 in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:MODulation:TYPE:QAM256?`

#### **LTE:FDD:SUBFrame:MODulation:TYPE:QAM64**

Syntax: `LTE:FDD:SUBFrame:MODulation:TYPE:QAM64`

Parameter/Response:

Description: You can query Modulation Type of QAM64 in Subframe measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:MODulation:TYPE:QAM64?`

#### **LTE:TDD:SUBFrame:MODulation:TYPE:QAM64**

Syntax: `LTE:TDD:SUBFrame:MODulation:TYPE:QAM64`

Parameter/Response:

Description: You can query Modulation Type of QAM64 in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:MODulation:TYPE:QAM64?`

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#### **LTE:FDD:SUBFrame:MODulation:TYPE:MBMS**

Syntax: LTE:FDD:SUBFrame:MODulation:TYPE:MBMS

Parameter/Response:

Example: LTE:FDD:SUBFrame:MODulation:TYPE:MBMS?

Description: You can query Modulation Type of MBMS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:MODulation:TYPE:PB**

Syntax: LTE:FDD:SUBFrame:MODulation:TYPE:PB

Parameter/Response:

Example: LTE:FDD:SUBFrame:MODulation:TYPE:PB?

Description: You can query Modulation Type of PB in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:MODulation:TYPE:PCFI**

Syntax: LTE:FDD:SUBFrame:MODulation:TYPE:PCFI

Parameter/Response:

Example: LTE:FDD:SUBFrame:MODulation:TYPE:PCFI?

Description: You can query Modulation Type of PCFICH in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:MODulation:TYPE:PDC**

Syntax: LTE:FDD:SUBFrame:MODulation:TYPE:PDC

Parameter/Response:

Example: LTE:FDD:SUBFrame:MODulation:TYPE:PDC?

Description: You can query Modulation Type of PDCCH in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:MODulation:TYPE:PHI**

Syntax: LTE:FDD:SUBFrame:MODulation:TYPE:PHI

Parameter/Response:

Example: LTE:FDD:SUBFrame:MODulation:TYPE:PHI?

Description: You can query Modulation Type of PHICH in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:MODulation:TYPE:PSS**

Syntax: LTE:FDD:SUBFrame:MODulation:TYPE:PSS

Parameter/Response:

Example: LTE:FDD:SUBFrame:MODulation:TYPE:PSS?

Description: You can query Modulation Type of PSS in Subframe measurement of LTE FDD Signal Analyzer

---

#### **LTE:TDD:SUBFrame:MODulation:TYPE:MBMS**

Syntax: LTE:TDD:SUBFrame:MODulation:TYPE:MBMS

Parameter/Response:

Example: LTE:TDD:SUBFrame:MODulation:TYPE:MBMS?

Description: You can query Modulation Type of MBMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:MODulation:TYPE:PB**

Syntax: LTE:TDD:SUBFrame:MODulation:TYPE:PB

Parameter/Response:

Example: LTE:TDD:SUBFrame:MODulation:TYPE:PB?

Description: You can query Modulation Type of PB in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:MODulation:TYPE:PCFI**

Syntax: LTE:TDD:SUBFrame:MODulation:TYPE:PCFI

Parameter/Response:

Example: LTE:TDD:SUBFrame:MODulation:TYPE:PCFI?

Description: : You can query Modulation Type of PCFICH in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:MODulation:TYPE:PDC**

Syntax: LTE:TDD:SUBFrame:MODulation:TYPE:PDC

Parameter/Response:

Example: LTE:TDD:SUBFrame:MODulation:TYPE:PDC?

Description: You can query Modulation Type of PDCCH in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:MODulation:TYPE:PHI**

Syntax: LTE:TDD:SUBFrame:MODulation:TYPE:PHI

Parameter/Response:

Example: LTE:TDD:SUBFrame:MODulation:TYPE:PHI?

Description: You can query Modulation Type of PHICH in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:MODulation:TYPE:PSS**

Syntax: LTE:TDD:SUBFrame:MODulation:TYPE:PSS

Parameter/Response:

Example: LTE:TDD:SUBFrame:MODulation:TYPE:PSS?

Description: You can query Modulation Type of PSS in Subframe measurement of LTE TDD Signal Analyzer

---

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:MBMS**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:MBMS

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:MBMS?

Description: You can query Relative MBMS Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PB**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PB

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PB?

Description: You can query Relative PB Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PCFI**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PCFI

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PCFI?

Description: You can query Relative PCFICH Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PDC**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PDC

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PDC?

Description: You can query Relative PDCCH Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PHI**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PHI

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PHI?

Description: You can query Relative PHICH Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PSS**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PSS

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:PSS?

Description: You can query Relative PSS Channel Power in Subframe measurement of LTE FDD Signal Analyzer

---

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QAM16**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QAM16

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QAM16?

Description: You can query Relative QAM16 Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QAM256**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QAM256

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QAM256?

Description: You can query Relative QAM256 Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QAM64**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QAM64

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QAM64?

Description: You can query Relative QAM64 Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QPSK**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QPSK

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:QPSK?

Description: You can query Relative QPSK Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS?

Description: You can query Relative RS Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS0**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS0

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS0?

Description: You can query Relative RS0 Channel Power in Subframe measurement of LTE FDD Signal Analyzer

---

### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS1**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS1

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS1?

Description: You can query Relative RS1 Channel Power in Subframe measurement of LTE FDD Signal Analyzer

### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS2**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS2

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS2?

Description: You can query Relative RS2 Channel Power in Subframe measurement of LTE FDD Signal Analyzer

### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS3**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS3

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:RS3?

Description: You can query Relative RS3 Channel Power in Subframe measurement of LTE FDD Signal Analyzer

### **LTE:FDD:SUBFrame:CHANnel:POWer:RELative:SSS**

Syntax: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:SSS

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANnel:POWer:RELative:SSS?

Description: You can query Relative SSS Channel Power in Subframe measurement of LTE FDD Signal Analyzer

### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:MBMS**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:MBMS

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:MBMS?

Description: You can query Relative MBMS Channel Power in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PB**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PB

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PB?

Description: You can query Relative PB Channel Power in Subframe measurement of LTE TDD Signal Analyzer

---

#### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PCFI**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PCFI

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PCFI?

Description: You can query Relative PCFICH Channel Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PDC**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PDC

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PDC?

Description: You can query Relative PDCCH Channel Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PHI**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PHI

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PHI?

Description: You can query Relative PHICH Channel Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PSS**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PSS

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:PSS?

Description: You can query Relative PSS Channel Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QAM16**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QAM16

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QAM16?

Description: You can query Relative QAM16 Channel Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QAM256**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QAM256

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QAM256?

Description: You can query Relative QAM256 Channel Power in Subframe measurement of LTE TDD Signal Analyzer



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### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QAM64**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QAM64

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QAM64?

Description: You can query Relative QAM64 Channel Power in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QPSK**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QPSK

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:QPSK?

Description: You can query Relative QPSK Channel Power in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS?

Description: You can query Relative RS Channel Power in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS0**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS0

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS0?

Description: You can query Relative RS0 Channel Power in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS1**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS1

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS1?

Description: You can query Relative RS1 Channel Power in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS2**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS2

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS2?

Description: You can query Relative RS2 Channel Power in Subframe measurement of LTE TDD Signal Analyzer



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### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS3**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS3

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:RS3?

Description: You can query Relative RS3 Channel Power in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:SSS**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:SSS

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:SSS?

Description: You can query Relative SSS Channel Power in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:CHANnel:POWer:RELative:UNALlocated**

Syntax: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:UNALlocated

Parameter/Response:

Example: LTE:TDD:SUBFrame:CHANnel:POWer:RELative:UNALlocated?

Description: You can query Relative Unallocated Channel Power in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:DATA:EVM:PEAK:ACCumulate**

Syntax: LTE:TDD:SUBFrame:DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:DATA:EVM:PEAK:ACCumulate?

Description: You can query Accumulated Data EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:DATA:EVM:PEAK:JUDGe**

Syntax: LTE:TDD:SUBFrame:DATA:EVM:PEAK:JUDGe

Parameter/Response:

Example: LTE:TDD:SUBFrame:DATA:EVM:PEAK:JUDGe?

Description: You can query pass or fail for Data EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

### **LTE:TDD:SUBFrame:DATA:EVM:PEAK:NORMAL**

Syntax: LTE:TDD:SUBFrame:DATA:EVM:PEAK:NORMAL

Parameter/Response:

Example: LTE:TDD:SUBFrame:DATA:EVM:PEAK:NORMAL?

Description: You can query Normal Data EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

---

#### **LTE:TDD:SUBFrame:DATA:EVM:PEAK:SYMBol**

Syntax: LTE:TDD:SUBFrame:DATA:EVM:PEAK:SYMBol

Parameter/Response:

Example: LTE:TDD:SUBFrame:DATA:EVM:PEAK:SYMBol?

Description: You can query Symbol Data EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:DATA:EVM:RMS:ACCumulate**

Syntax: LTE:TDD:SUBFrame:DATA:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:DATA:EVM:RMS:ACCumulate?

Description: You can query Accumulated Data EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:DATA:EVM:RMS:JUDGE**

Syntax: LTE:TDD:SUBFrame:DATA:EVM:RMS:JUDGE

Parameter/Response:

Example: LTE:TDD:SUBFrame:DATA:EVM:RMS:JUDGE?

Description: You can query pass or fail for Data EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:DATA:EVM:RMS:NORMal**

Syntax: LTE:TDD:SUBFrame:DATA:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:DATA:EVM:RMS:NORMal?

Description: You can query Normal Data EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:DETECT:ANTenna0**

Syntax: LTE:TDD:SUBFrame:DETECT:ANTenna0

Parameter/Response:

Example: LTE:TDD:SUBFrame:DETECT:ANTenna0?

Description: You can query antenna0 being detected in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:DETECT:ANTenna1**

Syntax: LTE:TDD:SUBFrame:DETECT:ANTenna1

Parameter/Response:

Example: LTE:TDD:SUBFrame:DETECT:ANTenna1?

Description: You can query antenna1 being detected in Subframe measurement of LTE TDD Analyzer

---

### **LTE:TDD:SUBFrame:DETECT:ANTenna2**

Syntax: LTE:TDD:SUBFrame:DETECT:ANTenna2

Parameter/Response:

Example: LTE:TDD:SUBFrame:DETECT:ANTenna2?

Description: You can query antenna2 being detected in Subframe measurement of LTE TDD Analyzer

### **LTE:TDD:SUBFrame:DETECT:ANTenna3**

Syntax: LTE:TDD:SUBFrame:DETECT:ANTenna3

Parameter/Response:

Example: LTE:TDD:SUBFrame:DETECT:ANTenna3?

Description: You can query antenna3 being detected in Subframe measurement of LTE TDD Analyzer

### **LTE:TDD:SUBFrame:DETECT:MBMS:NUMBER**

Syntax: LTE:TDD:SUBFrame:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:TDD:SUBFrame:DETECT:MBMS:NUMBER?

Description: You can query MBMS number being detected in Subframe measurement of LTE TDD Analyzer

### **LTE:TDD:SUBFrame:EVM:MBMS**

Syntax: LTE:TDD:SUBFrame:EVM:MBMS

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:MBMS?

Description: You can query MBMS EVM in Subframe measurement of LTE TDD Analyzer

### **LTE:TDD:SUBFrame:EVM:PB**

Syntax: LTE:TDD:SUBFrame:EVM:PB

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:PB?

Description: You can query PBCH EVM in Subframe measurement of LTE TDD Analyzer

### **LTE:TDD:SUBFrame:EVM:PCFI**

Syntax: LTE:TDD:SUBFrame:EVM:PCFI

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:PCFI?

Description: You can query PCFICH EVM in Subframe measurement of LTE TDD Analyzer

---

#### **LTE:TDD:SUBFrame:EVM:PDC**

Syntax: LTE:TDD:SUBFrame:EVM:PDC

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:PDC?

Description: You can query PDCCH EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:PHI**

Syntax: LTE:TDD:SUBFrame:EVM:PHI

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:PHI?

Description: You can query PHICH EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:PSS**

Syntax: LTE:TDD:SUBFrame:EVM:PSS

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:PSS?

Description: You can query PSS EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:TDD:SUBFrame:EVM:PSS:JUDGE**

Syntax: LTE:TDD:SUBFrame:EVM:PSS:JUDGE

Parameter/Response:

Example: LTE:TDD:SUBFrame:EVM:PSS:JUDGE?

Description: You can query pass or fail for PSS EVM in Subframe measurement of LTE TDD Analyzer

#### **LTE:FDD:FRAME:MODulation:TYPE:MBMS**

Syntax: LTE:FDD:FRAME:MODulation:TYPE:MBMS

Parameter/Response:

Description: You can query Modulation Type of MBMS RS in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAME:MODulation:TYPE:MBMS?

#### **LTE:FDD:FRAME:MODulation:TYPE:PB**

Syntax: LTE:FDD:FRAME:MODulation:TYPE:PB

Parameter/Response:

Description: You can query Modulation Type of PBCH in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAME:MODulation:TYPE:PB?

---

#### **LTE:FDD:FRAMe:MODulation:TYPE:PCFI**

Syntax: LTE:FDD:FRAMe:MODulation:TYPE:PCFI

Parameter/Response:

Description: You can query Modulation Type of PCFICH in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:MODulation:TYPE:PCFI?

#### **LTE:FDD:FRAMe:MODulation:TYPE:PDC**

Syntax: LTE:FDD:FRAMe:MODulation:TYPE:PDC

Parameter/Response:

Description: You can query Modulation Type of PDCCH in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:MODulation:TYPE:PDC?

#### **LTE:FDD:FRAMe:MODulation:TYPE:PDS:QAM16**

Syntax: LTE:FDD:FRAMe:MODulation:TYPE:PDS:QAM16

Parameter/Response:

Description: You can query Modulation Type of PDSCH QAM16 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:MODulation:TYPE:PDS:QAM16?

#### **LTE:FDD:FRAMe:MODulation:TYPE:PDS:QAM256**

Syntax: LTE:FDD:FRAMe:MODulation:TYPE:PDS:QAM256

Parameter/Response:

Description: You can query Modulation Type of PDSCH QAM256 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:MODulation:TYPE:PDS:QAM256?

#### **LTE:FDD:FRAMe:MODulation:TYPE:PDS:QAM64**

Syntax: LTE:FDD:FRAMe:MODulation:TYPE:PDS:QAM64

Parameter/Response:

Description: You can query Modulation Type of PDSCH QAM64 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:MODulation:TYPE:PDS:QAM64?

#### **LTE:FDD:FRAMe:MODulation:TYPE:PDS:QPSK**

Syntax: LTE:FDD:FRAMe:MODulation:TYPE:PDS:QPSK

Parameter/Response:

---

Description: You can query Modulation Type of PDSCH QPSK in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:MODulation:TYPE:PDS:QPSK?`

#### **LTE:FDD:FRAMe:MODulation:TYPE:PHI**

Syntax: `LTE:FDD:FRAMe:MODulation:TYPE:PHI`

Parameter/Response:

Description: You can query Modulation Type of PHICH in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:MODulation:TYPE:PHI?`

#### **LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QAM16**

Syntax: `LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QAM16`

Parameter/Response:

Description: You can query Modulation Type of PMCH QAM16 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QAM16?`

#### **LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QAM256**

Syntax: `LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QAM256`

Parameter/Response:

Description: You can query Modulation Type of PMCH QAM256 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QAM256?`

#### **LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QAM64**

Syntax: `LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QAM64`

Parameter/Response:

Description: You can query Modulation Type of PMCH QAM64 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QAM64?`

#### **LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QPSK**

Syntax: `LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QPSK`

Parameter/Response:

Description: You can query Modulation Type of PMCH QPSK in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:MODulation:TYPE:PMCH:QPSK?`

---

#### **LTE:FDD:FRAMe:MODulation:TYPE:PSS**

Syntax: LTE:FDD:FRAMe:MODulation:TYPE:PSS

Parameter/Response:

Description: You can query Modulation Type of PSS in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:MODulation:TYPE:PSS?

#### **LTE:FDD:SUBFrame:MODulation:TYPE:QPSK**

Syntax: LTE:FDD:SUBFrame:MODulation:TYPE:QPSK

Parameter/Response:

Description: You can query Modulation Type of QPSK in Subframe measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SUBFrame:MODulation:TYPE:QPSK?

#### **LTE:TDD:SUBFrame:MODulation:TYPE:QPSK**

Syntax: LTE:TDD:SUBFrame:MODulation:TYPE:QPSK

Parameter/Response:

Description: You can query Modulation Type of QPSK in Subframe measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SUBFrame:MODulation:TYPE:QPSK?

#### **LTE:FDD:FRAMe:MODulation:TYPE:RS**

Syntax: LTE:FDD:FRAMe:MODulation:TYPE:RS

Parameter/Response:

Description: You can query Modulation Type of RS in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:MODulation:TYPE:RS?

#### **LTE:FDD:SUBFrame:MODulation:TYPE:RS**

Syntax: LTE:FDD:SUBFrame:MODulation:TYPE:RS

Parameter/Response:

Description: You can query Modulation Type of RS in Subframe measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SUBFrame:MODulation:TYPE:RS3?

#### **LTE:TDD:SUBFrame:MODulation:TYPE:RS**

Syntax: LTE:TDD:SUBFrame:MODulation:TYPE:RS

Parameter/Response:

---

Description: You can query Modulation Type of RS in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:MODulation:TYPE:RS3?`

#### **LTE:FDD:SUBFrame:MODulation:TYPE:SSS**

Syntax: `LTE:FDD:SUBFrame:MODulation:TYPE:SSS`

Parameter/Response:

Example: `LTE:FDD:SUBFrame:MODulation:TYPE:SSS?`

Description: You can query Modulation Type of SSS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:MODulation:TYPE:UNALlocated**

Syntax: `LTE:FDD:SUBFrame:MODulation:TYPE:UNALlocated`

Parameter/Response:

Example: `LTE:FDD:SUBFrame:MODulation:TYPE:UNALlocated?`

Description: You can query Modulation Type of Unlocated in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:SUBFrame:MODulation:TYPE:SSS**

Syntax: `LTE:TDD:SUBFrame:MODulation:TYPE:SSS`

Parameter/Response:

Example: `LTE:TDD:SUBFrame:MODulation:TYPE:SSS?`

Description: You can query Modulation Type of SSS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:MODulation:TYPE:UNALlocated**

Syntax: `LTE:TDD:SUBFrame:MODulation:TYPE:UNALlocated`

Parameter/Response:

Example: `LTE:TDD:SUBFrame:MODulation:TYPE:UNALlocated?`

Description: You can query Modulation Type of Unlocated in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:FRAME:MODulation:TYPE:RS0**

Syntax: `LTE:FDD:FRAME:MODulation:TYPE:RS0`

Parameter/Response:

Description: You can query Modulation Type of RS0 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAME:MODulation:TYPE:RS0?`

#### **LTE:FDD:FRAME:MODulation:TYPE:RS1**

Syntax: `LTE:FDD:FRAME:MODulation:TYPE:RS1`



---

Parameter/Response:

Description: You can query Modulation Type of RS1 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAME:MODulation:TYPE:RS1?`

#### **LTE:FDD:FRAME:MODulation:TYPE:RS2**

Syntax: `LTE:FDD:FRAME:MODulation:TYPE:RS2`

Parameter/Response:

Description: You can query Modulation Type of RS2 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAME:MODulation:TYPE:RS2?`

#### **LTE:FDD:FRAME:MODulation:TYPE:RS3**

Syntax: `LTE:FDD:FRAME:MODulation:TYPE:RS3`

Parameter/Response:

Description: You can query Modulation Type of RS3 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAME:MODulation:TYPE:RS3?`

#### **LTE:FDD:FRAME:MODulation:TYPE:SSS**

Syntax: `LTE:FDD:FRAME:MODulation:TYPE:SSS`

Parameter/Response:

Description: You can query Modulation Type of SSS in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAME:MODulation:TYPE:SSS?`

#### **LTE:FDD:FRAME:MODulation:TYPE:UNAllocated**

Syntax: `LTE:FDD:FRAME:MODulation:TYPE:UNAllocated`

Parameter/Response:

Description: You can query Modulation Type of Unallocated in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAME:MODulation:TYPE:UNAllocated?`

#### **LTE:FDD:MACP:JUDGE**

Syntax: `LTE:FDD:MACP:JUDGE`

Parameter/Response:

Description: You can query pass or fail for Multi Adjacent Channel Power in LTE FDD Analyzer

Example:

`LTE:FDD:MACP:JUDGE?`

---

### **LTE:TDD:MACP:JUDGe**

Syntax: LTE:TDD:MACP:JUDGe

Parameter/Response:

Description: You can query pass or fail for Multi Adjacent Channel Power in LTE TDD Analyzer

Example:

LTE:TDD:MACP:JUDGe?

### **LTE:FDD:CA:MBMS:NUMBer:CC#**

Syntax: LTE:FDD:CA:MBMS:NUMBer:CC#

Parameter/Response:

Description: You can query MBSFN of Carrier Channel in CA measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CA:MBMS:NUMBer:CC05?

### **LTE:TDD:CA:MBMS:NUMBer:CC#**

Syntax: LTE:TDD:CA:MBMS:NUMBer:CC#

Parameter/Response:

Description: You can query MBSFN of Carrier Channel in CA measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CA:MBMS:NUMBer:CC05?

### **LTE:FDD:OTA:CHANnel:SCANner:JUDGe**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:JUDGe

Parameter/Response:

Description: You can query pass or fail for OTA Channel Scanner measurement in LTE FDD Analyzer

Example:

LTE:FDD:OTA:CHANnel:SCANner:JUDGe?

### **LTE:TDD:OTA:CHANnel:SCANner:JUDGe**

Syntax: LTE:TDD:OTA:CHANnel:SCANner:JUDGe

Parameter/Response:

Description: You can query pass or fail for OTA Channel Scanner measurement in LTE TDD Analyzer

Example:

LTE:TDD:OTA:CHANnel:SCANner:JUDGe?

### **LTE:FDD:OCCupied:BW:JUDGe**

Syntax: LTE:FDD:OCCupied:BW:JUDGe

Parameter/Response:

---

Description: You can query pass or fail for Occupied Bandwidth in LTE FDD Analyzer

Example:

`LTE:FDD:OCCupied:BW:JUDGe?`

#### **LTE:TDD:OCCupied:BW:JUDGe**

Syntax: `LTE:TDD:OCCupied:BW:JUDGe`

Parameter/Response:

Description: You can query pass or fail for Occupied Bandwidth in LTE TDD Analyzer

Example:

`LTE:TDD:OCCupied:BW:JUDGe?`

#### **LTE:FDD:OCCupied:BW**

Syntax: `LTE:FDD:OCCupied:BW`

Parameter/Response:

Description: You can query Occupied Bandwidth in LTE FDD Analyzer

Example:

`LTE:FDD:OCCupied:BW?`

#### **LTE:TDD:OCCupied:BW**

Syntax: `LTE:TDD:OCCupied:BW`

Parameter/Response:

Description: You can query Occupied Bandwidth in LTE TDD Analyzer

Example:

`LTE:TDD:OCCupied:BW?`

#### **LTE:FDD:OCCupied:BW:OCCupied:POWer**

Syntax: `LTE:FDD:OCCupied:BW:OCCupied:POWer`

Parameter/Response:

Description: You can query Occupied Power in Occupied Bandwidth measurement of LTE FDD Analyzer

Example:

`LTE:FDD:OCCupied:BW:OCCupied:POWer?`

#### **LTE:TDD:OCCupied:BW:OCCupied:POWer**

Syntax: `LTE:TDD:OCCupied:BW:OCCupied:POWer`

Parameter/Response:

Description: You can query Occupied Power in Occupied Bandwidth measurement of LTE TDD Analyzer

Example:

`LTE:TDD:OCCupied:BW:OCCupied:POWer?`

---

### **LTE:FDD:FRAME:IQ:ORIGin:OFFSet:JUDGe**

Syntax: LTE:FDD:FRAME:IQ:ORIGin:OFFSet:JUDGe

Parameter/Response:

Description: You can query pass or fail for IQ Origin Offset in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAME:IQ:ORIGin:OFFSet:JUDGe?

### **LTE:FDD:FRAME:IQ:ORIGin:OFFSet**

Syntax: LTE:FDD:FRAME:IQ:ORIGin:OFFSet

Parameter/Response:

Description: You can query IQ Origin Offset in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAME:IQ:ORIGin:OFFSet?

### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:MBMS**

Syntax: LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:MBMS

Parameter/Response:

Description: You can query IQ Origin Offset for MBSFN RS in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:MBMS?

### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:MBMS**

Syntax: LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:MBMS

Parameter/Response:

Description: You can query IQ Origin Offset for MBSFN RS in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:MBMS?

### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB**

Syntax: LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB

Parameter/Response:

Description: You can query IQ Origin Offset for PBCH in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB?

### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB**

Syntax: LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB

Parameter/Response:

---

Description: You can query IQ Origin Offset for PBCH in Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB?`

#### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PCFI**

Syntax: `LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PCFI`

Parameter/Response:

Description: You can query IQ Origin Offset for PCFICH in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PCFI?`

#### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PCFI**

Syntax: `LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PCFI`

Parameter/Response:

Description: You can query IQ Origin Offset for PCFICH in Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PCFI?`

#### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC**

Syntax: `LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC`

Parameter/Response:

Description: You can query IQ Origin Offset for PDCCH in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC?`

#### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC**

Syntax: `LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC`

Parameter/Response:

Description: You can query IQ Origin Offset for PDCCH in Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC?`

#### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PHI**

Syntax: `LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PHI`

Parameter/Response:

Description: You can query IQ Origin Offset for PHICH in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PHI?`

---

#### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PHI**

Syntax: LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PHI

Parameter/Response:

Description: You can query IQ Origin Offset for PHICH in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PHI?

#### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS**

Syntax: LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS

Parameter/Response:

Description: You can query IQ Origin Offset for PSS in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS?

#### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS**

Syntax: LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS

Parameter/Response:

Description: You can query IQ Origin Offset for PSS in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS?

#### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS**

Syntax: LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS

Parameter/Response:

Description: You can query IQ Origin Offset for RS in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS?

#### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS**

Syntax: LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS

Parameter/Response:

Description: You can query IQ Origin Offset for RS in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS?

#### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS#**

Syntax: LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS#

Parameter/Response:

---

Description: You can query IQ Origin Offset for RS# (0,1,2,3) in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS#?`

#### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS#**

Syntax: `LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS#`

Parameter/Response:

Description: You can query IQ Origin Offset for RS# (0,1,2,3) in Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS#?`

#### **LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS**

Syntax: `LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS`

Parameter/Response:

Description: You can query IQ Origin Offset for SSS in Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS?`

#### **LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS**

Syntax: `LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS`

Parameter/Response:

Description: You can query IQ Origin Offset for SSS in Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS?`

#### **LTE:TDD:PVST:SLOT:OFF:POWer:OFF:TO:ON:JUDGe**

Syntax: `LTE:TDD:PVST:SLOT:OFF:POWer:OFF:TO:ON:JUDGe`

Parameter/Response:

Description: You can query pass or fail for Off Power when Off-to-On in Power vs Time(Slot) measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:PVST:SLOT:OFF:POWer:OFF:TO:ON:JUDGe?`

#### **LTE:TDD:PVST:SLOT:OFF:POWer:OFF:TO:ON**

Syntax: `LTE:TDD:PVST:SLOT:OFF:POWer:OFF:TO:ON`

Parameter/Response:

Description: You can query Off Power when Off-to-On in Power vs Time(Slot) measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:PVST:SLOT:OFF:POWer:OFF:TO:ON?`

---

#### **LTE:TDD:PVST:SLOT:OFF:POWer:ON:TO:OFF**

Syntax: LTE:TDD:PVST:SLOT:OFF:POWer:ON:TO:OFF

Parameter/Response:

Example: LTE:TDD:PVST:SLOT:OFF:POWer:ON:TO:OFF?

Description: You can query Off Power when On-to-Off in Power vs Time(Slot) measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:PVST:SLOT:OFF:POWer:ON:TO:OFF:JUDGe**

Syntax: LTE:TDD:PVST:SLOT:OFF:POWer:ON:TO:OFF:JUDGe

Parameter/Response:

Example: LTE:TDD:PVST:SLOT:OFF:POWer:ON:TO:OFF:JUDGe?

Description: You can query pass or fail for Off Power when On-to-Off in Power vs Time(Slot) measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON:JUDGe**

Syntax: LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON:JUDGe

Parameter/Response:

Description: You can query pass or fail for Transition Period Length when Off-to-On in Power vs Time(Slot) measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON:JUDGe?

#### **LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON**

Syntax: LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON

Parameter/Response:

Description: You can query Transition Period Length when Off-to-On in Power vs Time(Slot) measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON?

#### **LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF**

Syntax: LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF

Parameter/Response:

Example: LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF?

Description: You can query Transition Period Length when On-to-Off in Power vs Time(Slot) measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF:JUDGe**

Syntax: LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF:JUDGe

Parameter/Response:

Example:

LTE:TDD:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF:JUDGe?



---

Description: You can query pass or fail for Transition Period Length when On-to-Off in Power vs Time(Slot) measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:PVST:FRAME:OPERation:ANTenna#**

Syntax: LTE:FDD:PVST:FRAME:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Power vs Time(Frame) measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:PVST:FRAME:OPERation:ANTenna3?

#### **LTE:TDD:PVST:FRAME:OPERation:ANTenna#**

Syntax: LTE:TDD:PVST:FRAME:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Power vs Time(Frame) measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:PVST:FRAME:OPERation:ANTenna3?

#### **LTE:FDD:PVST:FRAME:DETECT:ANTenna0**

Syntax: LTE:FDD:PVST:FRAME:DETECT:ANTenna0

Parameter/Response:

Example: LTE:FDD:PVST:FRAME:DETECT:ANTenna0?

Description: You can query if Antenna 0 is being detected in Power vs Time(Frame) measurement of LTE FDD Signal Analyzer

Example: You can query if Antenna 0 is being detected in Power vs Time(Frame) measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:PVST:FRAME:DETECT:ANTenna1**

Syntax: LTE:FDD:PVST:FRAME:DETECT:ANTenna1

Parameter/Response:

Example: LTE:FDD:PVST:FRAME:DETECT:ANTenna1?

Description: You can query if Antenna 1 is being detected in Power vs Time(Frame) measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:PVST:FRAME:DETECT:ANTenna2**

Syntax: LTE:FDD:PVST:FRAME:DETECT:ANTenna2

Parameter/Response:

Example: LTE:FDD:PVST:FRAME:DETECT:ANTenna2?

Description: You can query if Antenna 2 is being detected in Power vs Time(Frame) measurement of LTE FDD Signal Analyzer

---

### **LTE:FDD:PVST:FRAME:DETECT:ANTenna3**

Syntax: LTE:FDD:PVST:FRAME:DETECT:ANTenna3

Parameter/Response:

Example: LTE:FDD:PVST:FRAME:DETECT:ANTenna3?

Description: You can query if Antenna 3 is being detected in Power vs Time(Frame) measurement of LTE FDD Signal Analyzer

### **LTE:TDD:PVST:FRAME:DETECT:ANTenna0**

Syntax: LTE:TDD:PVST:FRAME:DETECT:ANTenna0

Parameter/Response:

Example: LTE:TDD:PVST:FRAME:DETECT:ANTenna0?

Description: You can query if Antenna 0 is being detected in Power vs Time(Frame) measurement of LTE TDD Signal Analyzer

### **LTE:TDD:PVST:FRAME:DETECT:ANTenna1**

Syntax: LTE:TDD:PVST:FRAME:DETECT:ANTenna1

Parameter/Response:

Example: LTE:TDD:PVST:FRAME:DETECT:ANTenna1?

Description: You can query if Antenna 1 is being detected in Power vs Time(Frame) measurement of LTE TDD Signal Analyzer

### **LTE:TDD:PVST:FRAME:DETECT:ANTenna2**

Syntax: LTE:TDD:PVST:FRAME:DETECT:ANTenna2

Parameter/Response:

Example: LTE:TDD:PVST:FRAME:DETECT:ANTenna2?

Description: You can query if Antenna 2 is being detected in Power vs Time(Frame) measurement of LTE TDD Signal Analyzer

### **LTE:TDD:PVST:FRAME:DETECT:ANTenna3**

Syntax: LTE:TDD:PVST:FRAME:DETECT:ANTenna3

Parameter/Response:

Example: LTE:TDD:PVST:FRAME:DETECT:ANTenna3?

Description: You can query if Antenna 3 is being detected in Power vs Time(Frame) measurement of LTE TDD Signal Analyzer

### **LTE:TDD:PVST:SLOT:OPERATION:ANTenna#**

Syntax: LTE:TDD:PVST:SLOT:OPERATION:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Power vs Time(SLOT) measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:PVST:SLOT:OPERATION:ANTenna3?

---

#### **LTE:TDD:PVST:SLOT:DETECT:ANTenna0**

Syntax: LTE:TDD:PVST:SLOT:DETECT:ANTenna0

Parameter/Response:

Example: LTE:TDD:PVST:SLOT:DETECT:ANTenna0?

Description: You can query if Antenna# 0 is being detected in Power vs Time(SLOT) measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:PVST:SLOT:DETECT:ANTenna1**

Syntax: LTE:TDD:PVST:SLOT:DETECT:ANTenna1

Parameter/Response:

Example: LTE:TDD:PVST:SLOT:DETECT:ANTenna1?

Description: You can query if Antenna# 1 is being detected in Power vs Time(SLOT) measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:PVST:SLOT:DETECT:ANTenna2**

Syntax: LTE:TDD:PVST:SLOT:DETECT:ANTenna2

Parameter/Response:

Example: LTE:TDD:PVST:SLOT:DETECT:ANTenna2?

Description: You can query if Antenna# 2 is being detected in Power vs Time(SLOT) measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:PVST:SLOT:DETECT:ANTenna3**

Syntax: LTE:TDD:PVST:SLOT:DETECT:ANTenna3

Parameter/Response:

Example: LTE:TDD:PVST:SLOT:DETECT:ANTenna3?

Description: You can query if Antenna# 3 is being detected in Power vs Time(SLOT) measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:CONStellation:OPERation:ANTenna#**

Syntax: LTE:FDD:CONStellation:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Constellation measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CONStellation:OPERation:ANTenna3?

#### **LTE:FDD:CONStellation:DETECT:ANTenna0**

Syntax: LTE:FDD:CONStellation:DETECT:ANTenna0

Parameter/Response:

Example: LTE:FDD:CONStellation:DETECT:ANTenna0?

Description: You can query if Antenna 0 is being detected in Constellation measurement of LTE FDD Signal Analyzer

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### **LTE:FDD:CONStellation:DETECT:ANTenna1**

Syntax: LTE:FDD:CONStellation:DETECT:ANTenna1

Parameter/Response:

Example: LTE:FDD:CONStellation:DETECT:ANTenna1?

Description: You can query if Antenna 1 is being detected in Constellation measurement of LTE FDD Signal Analyzer

### **LTE:FDD:CONStellation:DETECT:ANTenna2**

Syntax: LTE:FDD:CONStellation:DETECT:ANTenna2

Parameter/Response:

Example: LTE:FDD:CONStellation:DETECT:ANTenna2?

Description: You can query if Antenna 2 is being detected in Constellation measurement of LTE FDD Signal Analyzer

### **LTE:FDD:CONStellation:DETECT:ANTenna3**

Syntax: LTE:FDD:CONStellation:DETECT:ANTenna3

Parameter/Response:

Example: LTE:FDD:CONStellation:DETECT:ANTenna3?

Description: You can query if Antenna 3 is being detected in Constellation measurement of LTE FDD Signal Analyzer

### **LTE:TDD:CONStellation:DETECT:MBMS:NUMBER**

Syntax: LTE:TDD:CONStellation:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:TDD:CONStellation:DETECT:MBMS:NUMBER?

Description: You can query if MBMS number is being detected in Constellation measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CONStellation:OPERation:ANTenna#**

Syntax: LTE:TDD:CONStellation:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Constellation measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CONStellation:OPERation:ANTenna3?

### **LTE:TDD:CONStellation:DETECT:ANTenna0**

Syntax: LTE:TDD:CONStellation:DETECT:ANTenna0

Parameter/Response:

Example: LTE:TDD:CONStellation:DETECT:ANTenna0?

Description: You can query if Antenna 0 is being detected in Constellation measurement of LTE TDD Signal Analyzer

---

### **LTE:TDD:CONStellation:DETECT:ANTenna1**

Syntax: LTE:TDD:CONStellation:DETECT:ANTenna1

Parameter/Response:

Example: LTE:TDD:CONStellation:DETECT:ANTenna1?

Description: You can query if Antenna 1 is being detected in Constellation measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CONStellation:DETECT:ANTenna2**

Syntax: LTE:TDD:CONStellation:DETECT:ANTenna2

Parameter/Response:

Example: LTE:TDD:CONStellation:DETECT:ANTenna2?

Description: You can query if Antenna 2 is being detected in Constellation measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CONStellation:DETECT:ANTenna3**

Syntax: LTE:TDD:CONStellation:DETECT:ANTenna3

Parameter/Response:

Example: LTE:TDD:CONStellation:DETECT:ANTenna3?

Description: You can query if Antenna 3 is being detected in Constellation measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CONStellation:DETECT:MBMS:NUMBER**

Syntax: LTE:TDD:CONStellation:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:TDD:CONStellation:DETECT:MBMS:NUMBER?

Description: You can query if MBMS number is being detected in Constellation measurement of LTE TDD Signal Analyzer

### **LTE:FDD:CHANnel:DATA:OPERation:ANTenna#**

Syntax: LTE:FDD:CHANnel:DATA:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Data Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CHANnel:DATA:OPERation:ANTenna3?

### **LTE:FDD:CHANnel:DATA:DETECT:ANTenna0**

Syntax: LTE:FDD:CHANnel:DATA:DETECT:ANTenna0

Parameter/Response:

Example: LTE:FDD:CHANnel:DATA:DETECT:ANTenna0?

Description: You can query if Antenna0 is being detected in Data Channel measurement of LTE FDD Signal Analyzer

---

### **LTE:FDD:CHANnel:DATA:DETECT:ANTenna1**

Syntax: LTE:FDD:CHANnel:DATA:DETECT:ANTenna1

Parameter/Response:

Example: LTE:FDD:CHANnel:DATA:DETECT:ANTenna1?

Description: You can query if Antenna1 is being detected in Data Channel measurement of LTE FDD Signal Analyzer

### **LTE:FDD:CHANnel:DATA:DETECT:ANTenna2**

Syntax: LTE:FDD:CHANnel:DATA:DETECT:ANTenna2

Parameter/Response:

Example: LTE:FDD:CHANnel:DATA:DETECT:ANTenna2?

Description: You can query if Antenna2 is being detected in Data Channel measurement of LTE FDD Signal Analyzer

### **LTE:FDD:CHANnel:DATA:DETECT:ANTenna3**

Syntax: LTE:FDD:CHANnel:DATA:DETECT:ANTenna3

Parameter/Response:

Example: LTE:FDD:CHANnel:DATA:DETECT:ANTenna3?

Description: You can query if Antenna3 is being detected in Data Channel measurement of LTE FDD Signal Analyzer

### **LTE:FDD:CHANnel:DATA:DETECT:MBMS:NUMBER**

Syntax: LTE:FDD:CHANnel:DATA:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:FDD:CHANnel:DATA:DETECT:MBMS:NUMBER?

Description: You can query if MBMS number is being detected in Data Channel measurement of LTE FDD Signal Analyzer

### **LTE:TDD:CHANnel:DATA:OPERation:ANTenna#**

Syntax: LTE:TDD:CHANnel:DATA:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Data Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CHANnel:DATA:OPERation:ANTenna3?

### **LTE:TDD:CHANnel:DATA:DETECT:ANTenna0**

Syntax: LTE:TDD:CHANnel:DATA:DETECT:ANTenna0

Parameter/Response:

Example: LTE:TDD:CHANnel:DATA:DETECT:ANTenna0?

Description: You can query if Antenna0 is being detected in Data Channel measurement of LTE TDD Signal Analyzer

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### **LTE:TDD:CHANnel:DATA:DETECT:ANTenna1**

Syntax: LTE:TDD:CHANnel:DATA:DETECT:ANTenna1

Parameter/Response:

Example: LTE:TDD:CHANnel:DATA:DETECT:ANTenna1?

Description: You can query if Antenna1 is being detected in Data Channel measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CHANnel:DATA:DETECT:ANTenna2**

Syntax: LTE:TDD:CHANnel:DATA:DETECT:ANTenna2

Parameter/Response:

Example: LTE:TDD:CHANnel:DATA:DETECT:ANTenna2?

Description: You can query if Antenna2 is being detected in Data Channel measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CHANnel:DATA:DETECT:ANTenna3**

Syntax: LTE:TDD:CHANnel:DATA:DETECT:ANTenna3

Parameter/Response:

Example: LTE:TDD:CHANnel:DATA:DETECT:ANTenna3?

Description: You can query if Antenna3 is being detected in Data Channel measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CHANnel:DATA:DETECT:MBMS:NUMBER**

Syntax: LTE:TDD:CHANnel:DATA:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:TDD:CHANnel:DATA:DETECT:MBMS:NUMBER?

Description: You can query if MBMS number is being detected in Data Channel measurement of LTE TDD Signal Analyzer

### **LTE:FDD:CHANnel:CONTROL:OPERation:ANTenna#**

Syntax: LTE:FDD:CHANnel:CONTROL:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CHANnel:CONTROL:OPERation:ANTenna3?

### **LTE:FDD:CHANnel:CONTROL:DETECT:ANTenna0**

Syntax: LTE:FDD:CHANnel:CONTROL:DETECT:ANTenna0

Parameter/Response:

Example: LTE:FDD:CHANnel:CONTROL:DETECT:ANTenna0?

Description: You can query if Antenna0 is being detected in Channel Control measurement of LTE FDD Signal Analyzer

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### **LTE:FDD:CHANnel:CONTRol:DETECT:ANTenna1**

Syntax: LTE:FDD:CHANnel:CONTRol:DETECT:ANTenna1

Parameter/Response:

Example: LTE:FDD:CHANnel:CONTRol:DETECT:ANTenna1?

Description: You can query if Antenna1 is being detected in Channel Control measurement of LTE FDD Signal Analyzer

### **LTE:FDD:CHANnel:CONTRol:DETECT:ANTenna2**

Syntax: LTE:FDD:CHANnel:CONTRol:DETECT:ANTenna2

Parameter/Response:

Example: LTE:FDD:CHANnel:CONTRol:DETECT:ANTenna2?

Description: You can query if Antenna2 is being detected in Channel Control measurement of LTE FDD Signal Analyzer

### **LTE:FDD:CHANnel:CONTRol:DETECT:ANTenna3**

Syntax: LTE:FDD:CHANnel:CONTRol:DETECT:ANTenna3

Parameter/Response:

Example: LTE:FDD:CHANnel:CONTRol:DETECT:ANTenna3?

Description: You can query if Antenna3 is being detected in Channel Control measurement of LTE FDD Signal Analyzer

### **LTE:FDD:CHANnel:CONTRol:DETECT:MBMS:NUMBER**

Syntax: LTE:FDD:CHANnel:CONTRol:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:FDD:CHANnel:CONTRol:DETECT:MBMS:NUMBER?

Description: You can query detected MBMS number in Channel Control measurement of LTE FDD Signal Analyzer

### **LTE:TDD:CHANnel:CONTRol:OPERation:ANTenna#**

Syntax: LTE:TDD:CHANnel:CONTRol:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CHANnel:CONTRol:OPERation:ANTenna3?

### **LTE:TDD:CHANnel:CONTRol:DETECT:ANTenna0**

Syntax: LTE:TDD:CHANnel:CONTRol:DETECT:ANTenna0

Parameter/Response:

Example: LTE:TDD:CHANnel:CONTRol:DETECT:ANTenna0?

Description: You can query if Antenna0 is being detected in Channel Control measurement of LTE TDD Signal Analyzer



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### **LTE:TDD:CHANnel:CONTRol:DETect:ANTenna1**

Syntax: LTE:TDD:CHANnel:CONTRol:DETect:ANTenna1

Parameter/Response:

Example: LTE:TDD:CHANnel:CONTRol:DETect:ANTenna1?

Description: You can query if Antenna1 is being detected in Channel Control measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CHANnel:CONTRol:DETect:ANTenna2**

Syntax: LTE:TDD:CHANnel:CONTRol:DETect:ANTenna2

Parameter/Response:

Example: LTE:TDD:CHANnel:CONTRol:DETect:ANTenna2?

Description: You can query if Antenna2 is being detected in Channel Control measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CHANnel:CONTRol:DETect:ANTenna3**

Syntax: LTE:TDD:CHANnel:CONTRol:DETect:ANTenna3

Parameter/Response:

Example: LTE:TDD:CHANnel:CONTRol:DETect:ANTenna3?

Description: You can query if Antenna3 is being detected in Channel Control measurement of LTE TDD Signal Analyzer

### **LTE:TDD:CHANnel:CONTRol:DETect:MBMS:NUMBER**

Syntax: LTE:TDD:CHANnel:CONTRol:DETect:MBMS:NUMBER

Parameter/Response:

Example: LTE:TDD:CHANnel:CONTRol:DETect:MBMS:NUMBER?

Description: You can query detected MBMS number in Channel Control measurement of LTE TDD Signal Analyzer

### **LTE:FDD:SUBFrame:OPERation:ANTenna#**

Syntax: LTE:FDD:SUBFrame:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Subframe measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SUBFrame:OPERation:ANTenna3?

### **LTE:TDD:SUBFrame:OPERation:ANTenna#**

Syntax: LTE:TDD:SUBFrame:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Subframe measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SUBFrame:OPERation:ANTenna3?

---

#### **LTE:FDD:FRAMe:OPERation:ANTenna#**

Syntax: LTE:FDD:FRAMe:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:OPERation:ANTenna3?

#### **LTE:FDD:TAE:OPERation:ANTenna#**

Syntax: LTE:FDD:TAE:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Time Alignment Error measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:TAE:OPERation:ANTenna3?

#### **LTE:TDD:TAE:OPERation:ANTenna#**

Syntax: LTE:TDD:TAE:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Time Alignment Error measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:TAE:OPERation:ANTenna3?

#### **LTE:FDD:DAM:OPERation:ANTenna#**

Syntax: LTE:FDD:DAM:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Data Allocation Map measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:DAM:OPERation:ANTenna3?

#### **LTE:TDD:DAM:OPERation:ANTenna#**

Syntax: LTE:TDD:DAM:OPERation:ANTenna#

Parameter/Response:

Description: You can query if Antenna# (0,1,2,3) is being operated in Data Allocation Map measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:DAM:OPERation:ANTenna3?

#### **LTE:FDD:CA:OPERation:ANTenna0:CC#**

Syntax: LTE:FDD:CA:OPERation:ANTenna0:CC#

Parameter/Response:

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Description: You can query if Antenna0 of Carrier Channel# is being operated in Carrier Aggregation measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CA:OPERation:ANTenna0:CC05?`

#### **LTE:TDD:CA:OPERation:ANTenna0:CC#**

Syntax: `LTE:TDD:CA:OPERation:ANTenna0:CC#`

Parameter/Response:

Description: You can query if Antenna0 of Carrier Channel# is being operated in Carrier Aggregation measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CA:OPERation:ANTenna0:CC05?`

#### **LTE:FDD:CA:OPERation:ANTenna1:CC#**

Syntax: `LTE:FDD:CA:OPERation:ANTenna1:CC#`

Parameter/Response:

Description: You can query if Antenna1 of Carrier Channel# is being operated in Carrier Aggregation measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CA:OPERation:ANTenna1:CC05?`

#### **LTE:TDD:CA:OPERation:ANTenna1:CC#**

Syntax: `LTE:TDD:CA:OPERation:ANTenna1:CC#`

Parameter/Response:

Description: You can query if Antenna1 of Carrier Channel# is being operated in Carrier Aggregation measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CA:OPERation:ANTenna1:CC05?`

#### **LTE:FDD:CA:OPERation:ANTenna2:CC#**

Syntax: `LTE:FDD:CA:OPERation:ANTenna2:CC#`

Parameter/Response:

Description: You can query if Antenna2 of Carrier Channel# is being operated in Carrier Aggregation measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CA:OPERation:ANTenna2:CC05?`

#### **LTE:TDD:CA:OPERation:ANTenna2:CC#**

Syntax: `LTE:TDD:CA:OPERation:ANTenna2:CC#`

Parameter/Response:

Description: You can query if Antenna2 of Carrier Channel# is being operated in Carrier Aggregation measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CA:OPERation:ANTenna2:CC05?`

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#### **LTE:FDD:CA:OPERation:ANTenna3:CC#**

Syntax: LTE:FDD:CA:OPERation:ANTenna3:CC#

Parameter/Response:

Description: You can query if Antenna3 of Carrier Channel# is being operated in Carrier Aggregation measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CA:OPERation:ANTenna3:CC05?

#### **LTE:TDD:CA:OPERation:ANTenna3:CC#**

Syntax: LTE:TDD:CA:OPERation:ANTenna3:CC#

Parameter/Response:

Description: You can query if Antenna3 of Carrier Channel# is being operated in Carrier Aggregation measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CA:OPERation:ANTenna3:CC05?

#### **LTE:FDD:OTA:CONTRol:CHANnel:JUDGE**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:JUDGE

Parameter/Response:

Description: You can query pass or fail for OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:JUDGE?

#### **LTE:TDD:OTA:CONTRol:CHANnel:JUDGE**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:JUDGE

Parameter/Response:

Description: You can query pass or fail for OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:JUDGE?

#### **LTE:FDD:SE:PEAK#:FREQuency**

Syntax: LTE:FDD:SE:PEAK#:FREQuency

Parameter/Response:

Description: You can query Peak Frequency in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SE:PEAK20:FREQuency?

#### **LTE:TDD:SE:PEAK#:FREQuency**

Syntax: LTE:TDD:SE:PEAK#:FREQuency

Parameter/Response:

---

Description: You can query Peak Frequency in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SE:PEAK20:FREQuency?

#### **LTE:FDD:SEM:PEAK:LOWer#:JUDGe**

Syntax: LTE:FDD:SEM:PEAK:LOWer#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the power of lower peak for Spurious Emission Mask in LTE FDD Signal Analyzer

Example:

LTE:FDD:SEM:PEAK:LOWer6:JUDGe?

#### **LTE:TDD:SEM:PEAK:LOWer#:JUDGe**

Syntax: LTE:TDD:SEM:PEAK:LOWer#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the power of lower peak for Spurious Emission Mask in LTE TDD Signal Analyzer

Example:

LTE:TDD:SEM:PEAK:LOWer6:JUDGe?

#### **LTE:FDD:SEM:PEAK:LOWer#:POWer**

Syntax: LTE:FDD:SEM:PEAK:LOWer#:POWer

Parameter/Response:

Description: You can query power of lower peak for Spurious Emission Mask in LTE FDD Signal Analyzer

Example:

LTE:FDD:SEM:PEAK:LOWer6:POWer?

#### **LTE:TDD:SEM:PEAK:LOWer#:POWer**

Syntax: LTE:TDD:SEM:PEAK:LOWer#:POWer

Parameter/Response:

Description: You can query power of lower peak for Spurious Emission Mask in LTE TDD Signal Analyzer

Example:

LTE:TDD:SEM:PEAK:LOWer6:POWer?

#### **LTE:FDD:CHANnel:POWer:POWer:PEAK**

Syntax: LTE:FDD:CHANnel:POWer:POWer:PEAK

Parameter/Response:

Description: You can query Peak Power in Channel Power measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CHANnel:POWer:POWer:PEAK?

---

### **LTE:TDD:CHANnel:POWer:POWer:PEAK**

Syntax: LTE:TDD:CHANnel:POWer:POWer:PEAK

Parameter/Response:

Description: You can query Peak Power in Channel Power measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CHANnel:POWer:POWer:PEAK?

### **LTE:FDD:SE:PEAK#:POWer**

Syntax: LTE:FDD:SE:PEAK#:POWer

Parameter/Response:

Description: You can query Peak Power in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SE:PEAK20:POWer?

### **LTE:TDD:SE:PEAK#:POWer**

Syntax: LTE:TDD:SE:PEAK#:POWer

Parameter/Response:

Description: You can query Peak Power in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SE:PEAK20:POWer?

### **LTE:FDD:SEM:PEAK:UPPer#:JUDGe**

Syntax: LTE:FDD:SEM:PEAK:UPPer#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the Power of Upper Peak in Spectrum Emission Mask measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SEM:PEAK:UPPer6:JUDGe?

### **LTE:TDD:SEM:PEAK:UPPer#:JUDGe**

Syntax: LTE:TDD:SEM:PEAK:UPPer#:JUDGe

Parameter/Response:

Description: You can query pass or fail for the Power of Upper Peak in Spectrum Emission Mask measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SEM:PEAK:UPPer6:JUDGe?

### **LTE:FDD:SEM:PEAK:UPPer#:POWer**

Syntax: LTE:FDD:SEM:PEAK:UPPer#:POWer

Parameter/Response:

---

Description: You can query Power of Upper Peak in Spectrum Emission Mask measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SEM:PEAK:UPPer#:POWer?

#### **LTE:TDD:SEM:PEAK:UPPer#:POWer**

Syntax: LTE:TDD:SEM:PEAK:UPPer#:POWer

Parameter/Response:

Description: You can query Power of Upper Peak in Spectrum Emission Mask measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SEM:PEAK:UPPer#:POWer?

#### **LTE:FDD:CHANnel:POWer:PTA:RATio**

Syntax: LTE:FDD:CHANnel:POWer:PTA:RATio

Parameter/Response:

Description: You can query Peak to Average Ratio in Channel Power measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CHANnel:POWer:PTA:RATio?

#### **LTE:TDD:CHANnel:POWer:PTA:RATio**

Syntax: LTE:TDD:CHANnel:POWer:PTA:RATio

Parameter/Response:

Description: You can query Peak to Average Ratio in Channel Power measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CHANnel:POWer:PTA:RATio?

#### **LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:MBMS**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:MBMS

Parameter/Response:

Description: You can query Phase Degree of MBMS in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:MBMS?

#### **LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:MBMS**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:MBMS

Parameter/Response:

Description: You can query Phase Degree of MBMS in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:MBMS?

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#### **LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PB**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PB

Parameter/Response:

Description: You can query Phase Degree of PBCH in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PB?

#### **LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PB**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PB

Parameter/Response:

Description: You can query Phase Degree of PBCH in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PB?

#### **LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PCFI**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PCFI

Parameter/Response:

Description: You can query Phase Degree of PCFICH in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PCFI?

#### **LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PCFI**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PCFI

Parameter/Response:

Description: You can query Phase Degree of PCFICH in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PCFI?

#### **LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PSS**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PSS

Parameter/Response:

Description: You can query Phase Degree of PSS in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PSS?

#### **LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PSS**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PSS

Parameter/Response:



---

Description: You can query Phase Degree of PSS in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:PSS?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:RS#**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:RS#`

Parameter/Response:

Description: You can query Phase Degree of RS# (0,1,2,3) in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:RS3?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:RS#**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:RS#`

Parameter/Response:

Description: You can query Phase Degree of RS# (0,1,2,3) in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:RS3?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:SSS**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:SSS`

Parameter/Response:

Description: You can query Phase Degree of SSS in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:SSS?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:SSS**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:SSS`

Parameter/Response:

Description: You can query Phase Degree of SSS in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:PHASe:DEGRee:SSS?`

#### **LTE:FDD:CCDF:POWer:AVERage**

Syntax: `LTE:FDD:CCDF:POWer:AVERage`

Parameter/Response:

Description: You can query Average Power in Power Statistics CCDF measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CCDF:POWer:AVERage?`

---

#### **LTE:TDD:CCDF:POWEr:AVERage**

Syntax: LTE:TDD:CCDF:POWEr:AVERage

Parameter/Response:

Description: You can query Average Power in Power Statistics CCDF measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CCDF:POWEr:AVERage?

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWEr:MBMS:ABSolute**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:POWEr:MBMS:ABSolute

Parameter/Response:

Description: You can query Absolute Power of MBMS in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:POWEr:MBMS:ABSolute?

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWEr:MBMS:ABSolute**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:POWEr:MBMS:ABSolute

Parameter/Response:

Description: You can query Absolute Power of MBMS in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:POWEr:MBMS:ABSolute?

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWEr:PB:ABSolute**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:POWEr:PB:ABSolute

Parameter/Response:

Description: You can query Absolute Power of PBCH in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:POWEr:PB:ABSolute?

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWEr:PB:ABSolute**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:POWEr:PB:ABSolute

Parameter/Response:

Description: You can query Absolute Power of PBCH in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:POWEr:PB:ABSolute?

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWEr:PCFI:ABSolute**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:POWEr:PCFI:ABSolute

Parameter/Response:

---

Description: You can query Absolute Power of PCFICH in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:POWer:PCFI:ABSolute?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:PCFI:ABSolute**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:POWer:PCFI:ABSolute`

Parameter/Response:

Description: You can query Absolute Power of PCFICH in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:PCFI:ABSolute?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:PSS:ABSolute**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:POWer:PSS:ABSolute`

Parameter/Response:

Description: You can query Absolute Power of PSS in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:POWer:PSS:ABSolute?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:PSS:ABSolute**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:POWer:PSS:ABSolute`

Parameter/Response:

Description: You can query Absolute Power of PSS in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:PSS:ABSolute?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:RS#:ABSolute**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:POWer:RS#:ABSolute`

Parameter/Response:

Description: You can query Absolute Power of RS# in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:POWer:RS3:ABSolute?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:RS#:ABSolute**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:POWer:RS#:ABSolute`

Parameter/Response:

Description: You can query Absolute Power of RS# in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:RS3:ABSolute?`

---

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:SSS:ABSolute**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:POWer:SSS:ABSolute

Parameter/Response:

Description: You can query Absolute Power of SSS in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:POWer:SSS:ABSolute?

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:SSS:ABSolute**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:POWer:SSS:ABSolute

Parameter/Response:

Description: You can query Absolute Power of SSS in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:POWer:SSS:ABSolute?

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:MBMS:RELative**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:POWer:MBMS:RELative

Parameter/Response:

Description: You can query Relative Power of MBMS in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:POWer:MBMS:RELative?

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:MBMS:RELative**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:POWer:MBMS:RELative

Parameter/Response:

Description: You can query Relative Power of MBMS in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:POWer:MBMS:RELative?

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:PB:RELative**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:POWer:PB:RELative

Parameter/Response:

Description: You can query Relative Power of PBCH in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:POWer:PB:RELative?

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:PB:RELative**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:POWer:PB:RELative

Parameter/Response:

---

Description: You can query Relative Power of PBCH in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:PB:RELative?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:PCFI:RELative**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:POWer:PCFI:RELative`

Parameter/Response:

Description: You can query Relative Power of PCFICH in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:POWer:PCFI:RELative?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:PCFI:RELative**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:POWer:PCFI:RELative`

Parameter/Response:

Description: You can query Relative Power of PCFICH in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:PCFI:RELative?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:PSS:RELative**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:POWer:PSS:RELative`

Parameter/Response:

Description: You can query Relative Power of PSS in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:POWer:PSS:RELative?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:PSS:RELative**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:POWer:PSS:RELative`

Parameter/Response:

Description: You can query Relative Power of PSS in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:PSS:RELative?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:RS#:RELative**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:POWer:RS#:RELative`

Parameter/Response:

Description: You can query Relative Power of RS# (0,1,2,3) in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:POWer:RS3:RELative?`

---

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:RS#:RELative**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:POWer:RS#:RELative

Parameter/Response:

Description: You can query Relative Power of RS# (0,1,2,3) in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:POWer:RS3:RELative?

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:SSS:RELative**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:POWer:SSS:RELative

Parameter/Response:

Description: You can query Relative Power of SSS in OTA Control Channel measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:POWer:SSS:RELative?

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:SSS:RELative**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:POWer:SSS:RELative

Parameter/Response:

Description: You can query Relative Power of SSS in OTA Control Channel measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:POWer:SSS:RELative?

#### **LTE:FDD:OTA:CHANnel:SCANner:CHANnel:POWer:ORDer#**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:CHANnel:POWer:ORDer#

Parameter/Response:

Description: You can query Channel Power in OTA Channel Scanner measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CHANnel:SCANner:CHANnel:POWer:ORDer6?

#### **LTE:TDD:OTA:CHANnel:SCANner:CHANnel:POWer:ORDer#**

Syntax: LTE:TDD:OTA:CHANnel:SCANner:CHANnel:POWer:ORDer#

Parameter/Response:

Description: You can query Channel Power in OTA Channel Scanner measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CHANnel:SCANner:CHANnel:POWer:ORDer6?

#### **LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:ECIO**

Syntax: LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:ECIO

Parameter/Response:

---

Description: You can query Ec/Io in OTA Route Map measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:ROUTE:MAP:CHANnel:POWer:ECIO?`

#### **LTE:TDD:OTA:ROUTE:MAP:CHANnel:POWer:ECIO**

Syntax: `LTE:TDD:OTA:ROUTE:MAP:CHANnel:POWer:ECIO`

Parameter/Response:

Description: You can query Ec/Io in OTA Route Map measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:ROUTE:MAP:CHANnel:POWer:ECIO?`

#### **LTE:FDD:OTA:ROUTE:MAP:CHANnel:POWer:PSS**

Syntax: `LTE:FDD:OTA:ROUTE:MAP:CHANnel:POWer:PSS`

Parameter/Response:

Description: You can query Channel Power of PSS in OTA Route Map measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:ROUTE:MAP:CHANnel:POWer:PSS?`

#### **LTE:TDD:OTA:ROUTE:MAP:CHANnel:POWer:PSS**

Syntax: `LTE:TDD:OTA:ROUTE:MAP:CHANnel:POWer:PSS`

Parameter/Response:

Description: You can query Channel Power of PSS in OTA Route Map measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:ROUTE:MAP:CHANnel:POWer:PSS?`

#### **LTE:FDD:OTA:ROUTE:MAP:CHANnel:POWer:RSRP**

Syntax: `LTE:FDD:OTA:ROUTE:MAP:CHANnel:POWer:RSRP`

Parameter/Response:

Description: You can query Channel Power of RSRP in OTA Route Map measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:ROUTE:MAP:CHANnel:POWer:RSRP?`

#### **LTE:TDD:OTA:ROUTE:MAP:CHANnel:POWer:RSRP**

Syntax: `LTE:TDD:OTA:ROUTE:MAP:CHANnel:POWer:RSRP`

Parameter/Response:

Description: You can query Channel Power of RSRP in OTA Route Map measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:ROUTE:MAP:CHANnel:POWer:RSRP?`

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#### **LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:RSRQ**

Syntax: LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:RSRQ

Parameter/Response:

Description: You can query Channel Power of RSRQ in OTA Route Map measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:RSRQ?

#### **LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:RSRQ**

Syntax: LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:RSRQ

Parameter/Response:

Description: You can query Channel Power of RSRQ in OTA Route Map measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:RSRQ?

#### **LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:RSSI**

Syntax: LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:RSSI

Parameter/Response:

Description: You can query Channel Power of RSSI in OTA Route Map measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:RSSI?

#### **LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:RSSI**

Syntax: LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:RSSI

Parameter/Response:

Description: You can query Channel Power of RSSI in OTA Route Map measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:RSSI?

#### **LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:SINR**

Syntax: LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:SINR

Parameter/Response:

Description: You can query Channel Power of SINR in OTA Route Map measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:SINR?

#### **LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:SINR**

Syntax: LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:SINR

Parameter/Response:



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Description: You can query Channel Power of SINR in OTA Route Map measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:SINR?`

#### **LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:SSS**

Syntax: `LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:SSS`

Parameter/Response:

Description: You can query Channel Power of SSS in OTA Route Map measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:ROUTe:MAP:CHANnel:POWer:SSS?`

#### **LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:SSS**

Syntax: `LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:SSS`

Parameter/Response:

Description: You can query Channel Power of SSS in OTA Route Map measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:ROUTe:MAP:CHANnel:POWer:SSS?`

#### **LTE:FDD:SPECTrum:MARKer#:DELTA:POWer**

Syntax: `LTE:FDD:SPECTrum:MARKer#:DELTA:POWer`

Parameter/Response:

Description: You can query Delta Marker Power in Spectrum measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SPECTrum:MARKer1:DELTA:POWer?`

#### **LTE:TDD:SPECTrum:MARKer#:DELTA:POWer**

Syntax: `LTE:TDD:SPECTrum:MARKer#:DELTA:POWer`

Parameter/Response:

Description: You can query Delta Marker Power in Spectrum measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SPECTrum:MARKer1:DELTA:POWer?`

#### **LTE:FDD:CHANnel:POWer:MARKer#:DELTA:POWer**

Syntax: `LTE:FDD:CHANnel:POWer:MARKer#:DELTA:POWer`

Parameter/Response:

Description: You can query Delta Marker Power in Channel Power measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CHANnel:POWer:MARKer1:DELTA:POWer?`

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### **LTE:TDD:CHANnel:POWER:MARKer#:DELTA:POWER**

Syntax: LTE:TDD:CHANnel:POWER:MARKer#:DELTA:POWER

Parameter/Response:

Description: You can query Delta Marker Power in Channel Power measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CHANnel:POWER:MARKer1:DELTA:POWER?

### **LTE:FDD:OCCUpied:BW:MARKer#:DELTA:POWER**

Syntax: LTE:FDD:OCCUpied:BW:MARKer#:DELTA:POWER

Parameter/Response:

Description: You can query Delta Marker Power in Occupied Bandwidth measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OCCUpied:BW:MARKer1:DELTA:POWER?

### **LTE:TDD:OCCUpied:BW:MARKer#:DELTA:POWER**

Syntax: LTE:TDD:OCCUpied:BW:MARKer#:DELTA:POWER

Parameter/Response:

Description: You can query Delta Marker Power in Occupied Bandwidth measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OCCUpied:BW:MARKer1:DELTA:POWER?

### **LTE:FDD:ACP:MARKer#:DELTA:POWER**

Syntax: LTE:FDD:ACP:MARKer#:DELTA:POWER

Parameter/Response:

Description: You can query Delta Marker Power for Adjacent Channel Power in LTE FDD Signal Analyzer

Example:

LTE:FDD:ACP:MARKer1:DELTA:POWER?

### **LTE:TDD:ACP:MARKer#:DELTA:POWER**

Syntax: LTE:TDD:ACP:MARKer#:DELTA:POWER

Parameter/Response:

Description: You can query Delta Marker Power for Adjacent Channel Power in LTE TDD Signal Analyzer

Example:

LTE:TDD:ACP:MARKer1:DELTA:POWER?

### **LTE:FDD:SEM:MARKer#:DELTA:POWER**

Syntax: LTE:FDD:SEM:MARKer#:DELTA:POWER

Parameter/Response:

---

Description: You can query Delta Marker Power in Spectrum Emission Mask measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SEM:MARKer1:DELTA:POWER?`

#### **LTE:TDD:SEM:MARKer#:DELTA:POWER**

Syntax: `LTE:TDD:SEM:MARKer#:DELTA:POWER`

Parameter/Response:

Description: You can query Delta Marker Power in Spectrum Emission Mask measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SEM:MARKer1:DELTA:POWER?`

#### **LTE:FDD:MACP:MARKer#:DELTA:POWER**

Syntax: `LTE:FDD:MACP:MARKer#:DELTA:POWER`

Parameter/Response:

Description: You can query Delta Marker Power for Multiple Adjacent Channel Power in LTE FDD Signal Analyzer

Example:

`LTE:FDD:MACP:MARKer1:DELTA:POWER?`

#### **LTE:TDD:MACP:MARKer#:DELTA:POWER**

Syntax: `LTE:TDD:MACP:MARKer#:DELTA:POWER`

Parameter/Response:

Description: You can query Delta Marker Power for Multiple Adjacent Channel Power in LTE TDD Signal Analyzer

Example:

`LTE:TDD:MACP:MARKer1:DELTA:POWER?`

#### **LTE:FDD:SE:MARKer#:DELTA:POWER**

Syntax: `LTE:FDD:SE:MARKer#:DELTA:POWER`

Parameter/Response:

Description: You can query Delta Marker Power for Spurious Emissions measurement in LTE FDD Signal Analyzer

Example:

`LTE:FDD:SE:MARKer1:DELTA:POWER?`

#### **LTE:TDD:SE:MARKer#:DELTA:POWER**

Syntax: `LTE:TDD:SE:MARKer#:DELTA:POWER`

Parameter/Response:

Description: You can query Delta Marker Power for Spurious Emissions measurement in LTE TDD Signal Analyzer

Example:

`LTE:TDD:SE:MARKer1:DELTA:POWER?`

---

#### **LTE:FDD:OTA:MULTipath:RS:MBMS:ECIO:ORDer#**

Syntax: LTE:FDD:OTA:MULTipath:RS:MBMS:ECIO:ORDer#

Parameter/Response:

Description: You can query MBMS RS Ec/Io of Order# in OTA Multipath Profile measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:MULTipath:RS:MBMS:ECIO:ORDer06?

#### **LTE:TDD:OTA:MULTipath:RS:MBMS:ECIO:ORDer#**

Syntax: LTE:TDD:OTA:MULTipath:RS:MBMS:ECIO:ORDer#

Parameter/Response:

Description: You can query MBMS RS Ec/Io of Order# in OTA Multipath Profile measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:MULTipath:RS:MBMS:ECIO:ORDer06?

#### **LTE:FDD:OTA:MULTipath:RS:ECIO:POWer:ANTenna#**

Syntax: LTE:FDD:OTA:MULTipath:RS:ECIO:POWer:ANTenna#

Parameter/Response:

Description: You can query RS Ec/Io of Antenna# (0,1,2,3) in OTA Multipath Profile measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:MULTipath:RS:ECIO:POWer:ANTenna306?

#### **LTE:TDD:OTA:MULTipath:RS:ECIO:POWer:ANTenna#**

Syntax: LTE:TDD:OTA:MULTipath:RS:ECIO:POWer:ANTenna#

Parameter/Response:

Description: You can query RS Ec/Io of Antenna# (0,1,2,3) in OTA Multipath Profile measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:MULTipath:RS:ECIO:POWer:ANTenna306?

#### **LTE:FDD:OTA:MULTipath:SYNC:PSS:ECIO:ORDer#**

Syntax: LTE:FDD:OTA:MULTipath:SYNC:PSS:ECIO:ORDer#

Parameter/Response:

Description: You can query Sync PSS Ec/Io of Order# in OTA Multipath Profile measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:MULTipath:SYNC:PSS:ECIO:ORDer06?

#### **LTE:TDD:OTA:MULTipath:SYNC:PSS:ECIO:ORDer#**

Syntax: LTE:TDD:OTA:MULTipath:SYNC:PSS:ECIO:ORDer#

Parameter/Response:

---

Description: You can query Sync PSS Ec/Io of Order# in OTA Multipath Profile measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:MULTipath:SYNC:PSS:ECIO:ORDeR06?

#### **LTE:FDD:OTA:MULTipath:SYNC:SSS:ECIO:ORDeR#**

Syntax: LTE:FDD:OTA:MULTipath:SYNC:SSS:ECIO:ORDeR#

Parameter/Response:

Description: You can query Sync SSS Ec/Io of Order# in OTA Multipath Profile measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:MULTipath:SYNC:SSS:ECIO:ORDeR06?

#### **LTE:TDD:OTA:MULTipath:SYNC:SSS:ECIO:ORDeR#**

Syntax: LTE:TDD:OTA:MULTipath:SYNC:SSS:ECIO:ORDeR#

Parameter/Response:

Description: You can query Sync SSS Ec/Io of Order# in OTA Multipath Profile measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:MULTipath:SYNC:SSS:ECIO:ORDeR06?

#### **LTE:FDD:SUBFrame:POWer:PB:JUDGe**

Syntax: LTE:FDD:SUBFrame:POWer:PB:JUDGe

Parameter/Response:

Description: You can query pass or fail for PBCH Power in Subframe measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SUBFrame:POWer:PB:JUDGe?

#### **LTE:TDD:SUBFrame:POWer:MBMS**

Syntax: LTE:TDD:SUBFrame:POWer:MBMS

Parameter/Response:

Example: LTE:TDD:SUBFrame:POWer:MBMS?

Description: You can query MBMS Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:POWer:OFDM:SYMBol:JUDGe**

Syntax: LTE:TDD:SUBFrame:POWer:OFDM:SYMBol:JUDGe

Parameter/Response:

Example: LTE:TDD:SUBFrame:POWer:OFDM:SYMBol:JUDGe?

Description: You can query pass or fail for OFDM Symbol Power in Subframe measurement of LTE TDD Signal Analyzer

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#### **LTE:TDD:SUBFrame:POWer:PB**

Syntax: LTE:TDD:SUBFrame:POWer:PB

Parameter/Response:

Example: LTE:TDD:SUBFrame:POWer:PB?

Description: You can query PBCH Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:POWer:PB:JUDGe**

Syntax: LTE:TDD:SUBFrame:POWer:PB:JUDGe

Parameter/Response:

Description: You can query pass or fail for PBCH Power in Subframe measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SUBFrame:POWer:PB:JUDGe?

#### **LTE:TDD:SUBFrame:POWer:PCFI**

Syntax: LTE:TDD:SUBFrame:POWer:PCFI

Parameter/Response:

Example: LTE:TDD:SUBFrame:POWer:PCFI?

Description: You can query PCFICH Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:POWer:PDC**

Syntax: LTE:TDD:SUBFrame:POWer:PDC

Parameter/Response:

Example: LTE:TDD:SUBFrame:POWer:PDC?

Description: You can query PDCCH Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:POWer:PHI**

Syntax: LTE:TDD:SUBFrame:POWer:PHI

Parameter/Response:

Example: LTE:TDD:SUBFrame:POWer:PHI?

Description: You can query PHICH Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:POWer:PSS**

Syntax: LTE:TDD:SUBFrame:POWer:PSS

Parameter/Response:

Example: LTE:TDD:SUBFrame:POWer:PSS?

Description: You can query PSS Power in Subframe measurement of LTE TDD Signal Analyzer

---

### **LTE:FDD:SUBFrame:POWer:PSS:JUDGe**

Syntax: LTE:FDD:SUBFrame:POWer:PSS:JUDGe

Parameter/Response:

Description: You can query pass or fail for PSS Power in Subframe measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SUBFrame:POWer:PSS:JUDGe?

### **LTE:TDD:SUBFrame:POWer:PSS:JUDGe**

Syntax: LTE:TDD:SUBFrame:POWer:PSS:JUDGe

Parameter/Response:

Description: You can query pass or fail for PSS Power in Subframe measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SUBFrame:POWer:PSS:JUDGe?

### **LTE:FDD:SUBFrame:POWer:RS:JUDGe**

Syntax: LTE:FDD:SUBFrame:POWer:RS:JUDGe

Parameter/Response:

Description: You can query pass or fail for RS Power in Subframe measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SUBFrame:POWer:RS:JUDGe?

### **LTE:TDD:SUBFrame:POWer:RS:JUDGe**

Syntax: LTE:TDD:SUBFrame:POWer:RS:JUDGe

Parameter/Response:

Description: You can query pass or fail for RS Power in Subframe measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SUBFrame:POWer:RS:JUDGe?

### **LTE:FDD:SUBFrame:POWer:SSS:JUDGe**

Syntax: LTE:FDD:SUBFrame:POWer:SSS:JUDGe

Parameter/Response:

Description: You can query pass or fail for SSS Power in Subframe measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SUBFrame:POWer:SSS:JUDGe?

### **LTE:TDD:SUBFrame:POWer:SSS:JUDGe**

Syntax: LTE:TDD:SUBFrame:POWer:SSS:JUDGe

Parameter/Response:

---

Description: You can query pass or fail for SSS Power in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:POWer:SSS:JUDGe?`

#### **LTE:FDD:SPECTrum:MARKer#:POWEr**

Syntax: `LTE:FDD:SPECTrum:MARKer#:POWEr`

Parameter/Response: `F`

Description: You can query Power of Marker# in Spectrum measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SPECTrum:MARKer1:POWEr?`

#### **LTE:TDD:SPECTrum:MARKer#:POWEr**

Syntax: `LTE:TDD:SPECTrum:MARKer#:POWEr`

Parameter/Response:

Description: You can query Power of Marker# in Spectrum measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SPECTrum:MARKer1:POWEr?`

#### **LTE:FDD:CHANnel:POWEr:MARKer#:POWEr**

Syntax: `LTE:FDD:CHANnel:POWEr:MARKer#:POWEr`

Parameter/Response:

Description: You can query Power of Marker# in Channel Power measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CHANnel:POWEr:MARKer1:POWEr?`

#### **LTE:TDD:CHANnel:POWEr:MARKer#:POWEr**

Syntax: `LTE:TDD:CHANnel:POWEr:MARKer#:POWEr`

Parameter/Response:

Description: You can query Power of Marker# in Channel Power measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CHANnel:POWEr:MARKer1:POWEr?`

#### **LTE:FDD:OCCUpied:BW:MARKer#:POWEr**

Syntax: `LTE:FDD:OCCUpied:BW:MARKer#:POWEr`

Parameter/Response:

Description: You can query Power of Marker# in OBW measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OCCUpied:BW:MARKer1:POWEr?`



---

### **LTE:TDD:OCCUpied:BW:MARKer#:POWEr**

Syntax: LTE:TDD:OCCUpied:BW:MARKer#:POWEr

Parameter/Response:

Description: You can query Power of Marker# in OBW measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OCCUpied:BW:MARKer1:POWEr?

### **LTE:FDD:ACP:MARKer#:POWEr**

Syntax: LTE:FDD:ACP:MARKer#:POWEr

Parameter/Response:

Description: You can query Power of Marker# in Adjacent Channel Power measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:ACP:MARKer1:POWEr?

### **LTE:TDD:ACP:MARKer#:POWEr**

Syntax: LTE:TDD:ACP:MARKer#:POWEr

Parameter/Response:

Description: You can query Power of Marker# in Adjacent Channel Power measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:ACP:MARKer1:POWEr?

### **LTE:FDD:SEM:MARKer#:POWEr**

Syntax: LTE:FDD:SEM:MARKer#:POWEr

Parameter/Response:

Description: You can query Power of Marker# in Spectrum Emission Mask measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SEM:MARKer1:POWEr?

### **LTE:TDD:SEM:MARKer#:POWEr**

Syntax: LTE:TDD:SEM:MARKer#:POWEr

Parameter/Response:

Description: You can query Power of Marker# in Spectrum Emission Mask measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SEM:MARKer1:POWEr?

### **LTE:FDD:MACP:MARKer#:POWEr**

Syntax: LTE:FDD:MACP:MARKer#:POWEr

Parameter/Response:

---

Description: You can query Power of Marker# in Multi-ACP measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:MACP:MARKer1:POWEr?`

#### **LTE:TDD:MACP:MARKer#:POWEr**

Syntax: `LTE:TDD:MACP:MARKer#:POWEr`

Parameter/Response:

Description: You can query Power of Marker# in Multi-ACP measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:MACP:MARKer1:POWEr?`

#### **LTE:FDD:SE:MARKer#:POWEr**

Syntax: `LTE:FDD:SE:MARKer#:POWEr`

Parameter/Response:

Description: You can query Power of Marker# in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SE:MARKer1:POWEr?`

#### **LTE:TDD:SE:MARKer#:POWEr**

Syntax: `LTE:TDD:SE:MARKer#:POWEr`

Parameter/Response:

Description: You can query Power of Marker# in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SE:MARKer1:POWEr?`

#### **LTE:FDD:CCDF:POWEr:MAX**

Syntax: `LTE:FDD:CCDF:POWEr:MAX`

Parameter/Response:

Description: You can query Max Power in Power Statistics CCDF measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CCDF:POWEr:MAX?`

#### **LTE:TDD:CCDF:POWEr:MAX**

Syntax: `LTE:TDD:CCDF:POWEr:MAX`

Parameter/Response:

Description: You can query MAX Power in Power Statistics CCDF measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CCDF:POWEr:AVERage?`

---

#### **LTE:FDD:DAM:OFDM:POWer**

Syntax: LTE:FDD:DAM:OFDM:POWer

Parameter/Response:

Description: You can query OFDM Power in Data Allocation Map measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:DAM:OFDM:POWer?

#### **LTE:TDD:DAM:OFDM:POWer**

Syntax: LTE:TDD:DAM:OFDM:POWer

Parameter/Response:

Description: You can query OFDM Power in Data Allocation Map measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:DAM:OFDM:POWer?

#### **LTE:FDD:FRAMe:OFDM:POWer:SYMBol:JUDGe**

Syntax: LTE:FDD:FRAMe:OFDM:POWer:SYMBol:JUDGe

Parameter/Response:

Description: You can query pass or fail of the OFDM Symbol Power in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:OFDM:POWer:SYMBol:JUDGe?

#### **LTE:FDD:FRAMe:OFDM:POWer:SYMBol**

Syntax: LTE:FDD:FRAMe:OFDM:POWer:SYMBol

Parameter/Response:

Description: You can query OFDM Symbol Power in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:OFDM:POWer:SYMBol?

#### **LTE:FDD:OTA:ID:SCANner:POWer:PSS:ORDer#**

Syntax: LTE:FDD:OTA:ID:SCANner:POWer:PSS:ORDer#

Parameter/Response:

Description: You can query PSS Power in OTA ID Scanner measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:ID:SCANner:POWer:PSS:ORDer6?

#### **LTE:TDD:OTA:ID:SCANner:POWer:PSS:ORDer#**

Syntax: LTE:TDD:OTA:ID:SCANner:POWer:PSS:ORDer#

Parameter/Response:

---

Description: You can query PSS Power of Order# in OTA ID Scanner measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:ID:SCANner:POWer:PSS:ORDer6?`

#### **LTE:FDD:OTA:ID:SCANner:POWer:RS:SINR:ORDer#**

Syntax: `LTE:FDD:OTA:ID:SCANner:POWer:RS:SINR:ORDer#`

Parameter/Response:

Example: `LTE:FDD:OTA:ID:SCANner:POWer:RS:SINR:ORDer6?`

Description: You can query RS SINR Power of Order# in OTA ID Scanner measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:OTA:ID:SCANner:POWer:RS:SINR:ORDer#**

Syntax: `LTE:TDD:OTA:ID:SCANner:POWer:RS:SINR:ORDer#`

Parameter/Response:

Example: `LTE:TDD:OTA:ID:SCANner:POWer:RS:SINR:ORDer6?`

Description: You can query RS SINR Power of Order# in OTA ID Scanner measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:DAM:RB:POWer**

Syntax: `LTE:FDD:DAM:RB:POWer`

Parameter/Response:

Description: You can query Resource Block Power in Data Allocation Map measurement of LTE FDD Analyzer

Example:

`LTE:FDD:DAM:RB:POWer?`

#### **LTE:FDD:DAM:RB:SIZE**

Syntax: `LTE:FDD:DAM:RB:SIZE`

Parameter/Response:

Example: `LTE:FDD:DAM:RB:SIZE?`

Description: You can query RB size in Data Allocation Map measurement of LTE FDD Analyzer

#### **LTE:TDD:DAM:RB:SIZE**

Syntax: `LTE:TDD:DAM:RB:SIZE`

Parameter/Response:

Example: `LTE:TDD:DAM:RB:SIZE?`

Description: You can query RB size in Data Allocation Map measurement of LTE TDD Analyzer

#### **LTE:FDD:DATA:CHANnel:CONStellation:DATA:SIZE**

Syntax: `LTE:FDD:DATA:CHANnel:CONStellation:DATA:SIZE`

---

Parameter/Response:

Example: `LTE:FDD:DATA:CHANnel:CONStellation:DATA:SIZE?`

Description: You can query Constellation Data Size for Data Channel in LTE FDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:ACCumulate**

Syntax: `LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:ACCumulate`

Parameter/Response:

Example: `LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:ACCumulate?`

Description: You can query Accumulated Data EVM Peak for Data Channel in LTE FDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:JUDGe**

Syntax: `LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:JUDGe`

Parameter/Response:

Example: `LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:JUDGe?`

Description: You can query pass or fail for Data EVM Peak for Data Channel in LTE FDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:NORMal**

Syntax: `LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:NORMal`

Parameter/Response:

Example: `LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:NORMal?`

Description: You can query Normal Data EVM Peak for Data Channel in LTE FDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:SYMBol**

Syntax: `LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:SYMBol`

Parameter/Response:

Example: `LTE:FDD:DATA:CHANnel:DATA:EVM:PEAK:SYMBol?`

Description: You can query Symbol Data EVM Peak for Data Channel in LTE FDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:DATA:EVM:RMS:ACCumulate**

Syntax: `LTE:FDD:DATA:CHANnel:DATA:EVM:RMS:ACCumulate`

Parameter/Response:

Example: `LTE:FDD:DATA:CHANnel:DATA:EVM:RMS:ACCumulate?`

Description: You can query Accumulated Data EVM RMS for Data Channel in LTE FDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:DATA:EVM:RMS:JUDGe**

Syntax: `LTE:FDD:DATA:CHANnel:DATA:EVM:RMS:JUDGe`

Parameter/Response:

---

**Example:** `LTE:FDD:DATA:CHANnel:DATA:EVM:RMS:JUDGE?`

**Description:** You can query pass or fail for Data EVM RMS for Data Channel in LTE FDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:DATA:EVM:RMS:NORMAL**

**Syntax:** `LTE:FDD:DATA:CHANnel:DATA:EVM:RMS:NORMAL`

**Parameter/Response:**

**Example:** `LTE:FDD:DATA:CHANnel:DATA:EVM:RMS:NORMAL?`

**Description:** You can query Normal Data EVM RMS for Data Channel in LTE FDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:IQ:ORIGin:OFFSet**

**Syntax:** `LTE:FDD:DATA:CHANnel:IQ:ORIGin:OFFSet`

**Parameter/Response:**

**Example:** `LTE:FDD:DATA:CHANnel:IQ:ORIGin:OFFSet?`

**Description:** You can query IQ Origin Offset for Data Channel in LTE FDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:IQ:ORIGin:OFFSet:JUDGE**

**Syntax:** `LTE:FDD:DATA:CHANnel:IQ:ORIGin:OFFSet:JUDGE`

**Parameter/Response:**

**Example:** `LTE:FDD:DATA:CHANnel:IQ:ORIGin:OFFSet:JUDGE?`

**Description:** You can query pass or fail for IQ Origin Offset for Data Channel in LTE FDD Signal Analyzer

#### **LTE:TDD:DATA:CHANnel:CONStellation:DATA:SIZE**

**Syntax:** `LTE:TDD:DATA:CHANnel:CONStellation:DATA:SIZE`

**Parameter/Response:**

**Example:** `LTE:TDD:DATA:CHANnel:CONStellation:DATA:SIZE?`

**Description:** You can query Constellation Data Size for Data Channel in LTE TDD Signal Analyzer

#### **LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:ACCumulate**

**Syntax:** `LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:ACCumulate`

**Parameter/Response:**

**Example:** `LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:ACCumulate?`

**Description:** You can query Accumulated Data EVM Peak for Data Channel in LTE TDD Signal Analyzer

#### **LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:JUDGE**

**Syntax:** `LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:JUDGE`

**Parameter/Response:**

**Example:** `LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:JUDGE?`

---

Description: You can query pass or fail for Data EVM Peak for Data Channel in LTE FDD Signal Analyzer

**LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:NORMal**

Syntax: LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:NORMal

Parameter/Response:

Example: LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:NORMal?

Description: You can query Normal Data EVM Peak for Data Channel in LTE TDD Signal Analyzer

**LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:SYMBol**

Syntax: LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:SYMBol

Parameter/Response:

Example: LTE:TDD:DATA:CHANnel:DATA:EVM:PEAK:SYMBol?

Description: You can query Symbol Data EVM Peak for Data Channel in LTE TDD Signal Analyzer

**LTE:TDD:DATA:CHANnel:DATA:EVM:RMS:ACCumulate**

Syntax: LTE:TDD:DATA:CHANnel:DATA:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:TDD:DATA:CHANnel:DATA:EVM:RMS:ACCumulate?

Description: You can query Accumulated Data EVM RMS for Data Channel in LTE TDD Signal Analyzer

**LTE:TDD:DATA:CHANnel:DATA:EVM:RMS:JUDGE**

Syntax: LTE:TDD:DATA:CHANnel:DATA:EVM:RMS:JUDGE

Parameter/Response:

Example: LTE:TDD:DATA:CHANnel:DATA:EVM:RMS:JUDGE?

Description: You can query pass or fail for Data EVM RMS for Data Channel in LTE TDD Signal Analyzer

**LTE:TDD:DATA:CHANnel:DATA:EVM:RMS:NORMal**

Syntax: LTE:TDD:DATA:CHANnel:DATA:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:TDD:DATA:CHANnel:DATA:EVM:RMS:NORMal?

Description: You can query Normal Data EVM RMS for Data Channel in LTE TDD Signal Analyzer

**LTE:TDD:DATA:CHANnel:IQ:ORIGin:OFFSet**

Syntax: LTE:TDD:DATA:CHANnel:IQ:ORIGin:OFFSet

Parameter/Response:

Example: LTE:TDD:DATA:CHANnel:IQ:ORIGin:OFFSet?

---

Description: You can query IQ Origin Offset for Data Channel in LTE TDD Signal Analyzer

#### **LTE:TDD:DATA:CHANnel:IQ:ORIGin:OFFSet:JUDGe**

Syntax: LTE:TDD:DATA:CHANnel:IQ:ORIGin:OFFSet:JUDGe

Parameter/Response:

Example: LTE:TDD:DATA:CHANnel:IQ:ORIGin:OFFSet:JUDGe?

Description: You can query pass or fail for IQ Origin Offset for Data Channel in LTE TDD Signal Analyzer

#### **LTE:TDD:DAM:RB:POWer**

Syntax: LTE:TDD:DAM:RB:POWer

Parameter/Response:

Description: You can query Resource Block Power in Data Allocation Map measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:DAM:RB:POWer?

#### **LTE:FDD:TAE:POWer:RS:DIFFerence**

Syntax: LTE:FDD:TAE:POWer:RS:DIFFerence

Parameter/Response:

Description: You can query RS Power Difference in Time Alignment Error measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:TAE:POWer:RS:DIFFerence?

#### **LTE:TDD:TAE:POWer:RS:DIFFerence**

Syntax: LTE:TDD:TAE:POWer:RS:DIFFerence

Parameter/Response:

Description: You can query RS Power Difference in Time Alignment Error measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:TAE:POWer:RS:DIFFerence?

#### **LTE:FDD:TAE:RS:POWer:ANTenna#:JUDGe**

Syntax: LTE:FDD:TAE:RS:POWer:ANTenna#:JUDGe

Parameter/Response:

Description: You can query pass or fail for RS Power of Antenna# (0,1,2,3) in Time Alignment Error measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:TAE:RS:POWer:ANTenna3:JUDGe?



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#### **LTE:TDD:TAE:RS:POWer:ANTenna#:JUDGe**

Syntax: LTE:TDD:TAE:RS:POWer:ANTenna#:JUDGe

Parameter/Response:

Description: You can query pass or fail for RS Power of Antenna# (0,1,2,3) in Time Alignment Error measurement of LTE FDD Signal Analyzer

Example:

LTE:TDD:TAE:RS:POWer:ANTenna3:JUDGe?

#### **LTE:FDD:OTA:CHANnel:SCANner:RSRP:POWer:ORDer#**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:RSRP:POWer:ORDer#

Parameter/Response:

Description: You can query RSRP Power in OTA Channel Scanner measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CHANnel:SCANner:RSRP:POWer:ORDer6?

#### **LTE:TDD:OTA:CHANnel:SCANner:RSRP:POWer:ORDer#**

Syntax: LTE:TDD:OTA:CHANnel:SCANner:RSRP:POWer:ORDer#

Parameter/Response:

Description: You can query RSRP Power in OTA Channel Scanner measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CHANnel:SCANner:RSRP:POWer:ORDer6?

#### **LTE:FDD:OTA:CHANnel:SCANner:RSRQ:POWer:ORDer#**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:RSRQ:POWer:ORDer#

Parameter/Response:

Description: You can query RSRQ Power in OTA Channel Scanner measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CHANnel:SCANner:RSRQ:POWer:ORDer6?

#### **LTE:TDD:OTA:CHANnel:SCANner:RSRQ:POWer:ORDer#**

Syntax: LTE:TDD:OTA:CHANnel:SCANner:RSRQ:POWer:ORDer#

Parameter/Response:

Description: You can query RSRQ Power in OTA Channel Scanner measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CHANnel:SCANner:RSRQ:POWer:ORDer6?

#### **LTE:FDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer#**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer#

Parameter/Response:

---

**Example:** `LTE:FDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer6?`  
**Description:** You can query RS SINR Power in OTA Channel Scanner measurement of LTE FDD Signal Analyzer

**LTE:TDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer#**

**Syntax:** `LTE:TDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer#`  
**Parameter/Response:**  
**Example:** `LTE:TDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer6?`  
**Description:** You can query RS SINR Power in OTA Channel Scanner measurement of LTE TDD Signal Analyzer

**LTE:FDD:TAE:POWer:RS:ANTenna#**

**Syntax:** `LTE:FDD:TAE:POWer:RS:ANTenna#`  
**Parameter/Response:**  
**Description:** You can query RS Power of Antenna# (0,1,2,3) in Time Alignment Error measurement of LTE FDD Signal Analyzer  
**Example:**  
`LTE:FDD:TAE:POWer:RS:ANTenna3?`

**LTE:TDD:TAE:POWer:RS:ANTenna#**

**Syntax:** `LTE:TDD:TAE:POWer:RS:ANTenna#`  
**Parameter/Response:**  
**Description:** You can query RS Power of Antenna# (0,1,2,3) in Time Alignment Error measurement of LTE TDD Signal Analyzer  
**Example:**  
`LTE:TDD:TAE:POWer:RS:ANTenna3?`

**LTE:FDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer#**

**Syntax:** `LTE:FDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer#`  
**Parameter/Response:**  
**Description:** You can query RS-SINR Power in OTA Channel Scanner measurement of LTE FDD Signal Analyzer  
**Example:**  
`LTE:FDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer6?`

**LTE:TDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer#**

**Syntax:** `LTE:TDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer#`  
**Parameter/Response:**  
**Description:** You can query RS-SINR Power in OTA Channel Scanner measurement of LTE TDD Signal Analyzer  
**Example:**  
`LTE:TDD:OTA:CHANnel:SCANner:RS:SINR:POWer:ORDer6?`

---

#### **LTE:FDD:OTA:CHANnel:SCANner:RSSI:POWer:ORDeR#**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:RSSI:POWer:ORDeR#

Parameter/Response:

Description: You can query RSSI Power in OTA Channel Scanner measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CHANnel:SCANner:RSSI:POWer:ORDeR6?

#### **LTE:TDD:OTA:CHANnel:SCANner:RSSI:POWer:ORDeR#**

Syntax: LTE:TDD:OTA:CHANnel:SCANner:RSSI:POWer:ORDeR#

Parameter/Response:

Description: You can query RSSI Power in OTA Channel Scanner measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CHANnel:SCANner:RSSI:POWer:ORDeR6?

#### **LTE:FDD:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDeR#**

Syntax: LTE:FDD:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDeR#

Parameter/Response:

Example: LTE:FDD:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDeR6?

Description: You can query SS RSSI Power in OTA Channel Scanner measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDeR#**

Syntax: LTE:TDD:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDeR#

Parameter/Response:

Example: LTE:TDD:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDeR6?

Description: You can query SS RSSI Power in OTA Channel Scanner measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:OTA:DATAgram:RB:POWer**

Syntax: LTE:FDD:OTA:DATAgram:RB:POWer

Parameter/Response:

Description: You can query Resource Block Power in OTA Datagram measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:DATAgram:RB:POWer?

#### **LTE:TDD:OTA:DATAgram:RB:POWer**

Syntax: LTE:TDD:OTA:DATAgram:RB:POWer

Parameter/Response:

Description: You can query Resource Block Power in OTA Datagram measurement of LTE TDD Signal Analyzer

---

Example:

`LTE:TDD:OTA:DATAgram:RB:POWer?`

#### **LTE:FDD:OTA:ID:SCANner:POWer:SSS:RSSI:ORDer#**

Syntax: `LTE:FDD:OTA:ID:SCANner:POWer:SSS:RSSI:ORDer#`

Parameter/Response:

Description: You can query SSS RSSI Power in OTA ID Scanner measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:ID:SCANner:POWer:SSS:RSSI:ORDer6?`

#### **LTE:TDD:OTA:ID:SCANner:POWer:SSS:RSSI:ORDer#**

Syntax: `LTE:TDD:OTA:ID:SCANner:POWer:SSS:RSSI:ORDer#`

Parameter/Response:

Description: You can query SSS RSSI Power in OTA ID Scanner measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:ID:SCANner:POWer:SSS:RSSI:ORDer6?`

#### **LTE:FDD:OTA:ID:SCANner:POWer:SS:SINR:ORDer#**

Syntax: `LTE:FDD:OTA:ID:SCANner:POWer:SS:SINR:ORDer#`

Parameter/Response:

Example: `LTE:FDD:OTA:ID:SCANner:POWer:SS:SINR:ORDer6?`

Description: You can query SS SINR Power in OTA ID Scanner measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:OTA:ID:SCANner:POWer:SS:SINR:ORDer#**

Syntax: `LTE:TDD:OTA:ID:SCANner:POWer:SS:SINR:ORDer#`

Parameter/Response:

Example: `LTE:TDD:OTA:ID:SCANner:POWer:SS:SINR:ORDer6?`

Description: You can query SS SINR Power in OTA ID Scanner measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:OTA:ID:SCANner:POWer:RSRP:ORDer#**

Syntax: `LTE:FDD:OTA:ID:SCANner:POWer:RSRP:ORDer#`

Parameter/Response:

Example: `LTE:FDD:OTA:ID:SCANner:POWer:RSRP:ORDer6?`

Description: You can query RSRP Power in OTA ID Scanner measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:OTA:ID:SCANner:POWer:RSRP:ORDer#**

Syntax: `LTE:TDD:OTA:ID:SCANner:POWer:RSRP:ORDer#`

Parameter/Response:

---

**Example:** `LTE:TDD:OTA:ID:SCANner:POWer:RSRP:ORDer6?`

**Description:** You can query RSRP Power in OTA ID Scanner measurement of LTE TDD Signal Analyzer

**LTE:FDD:OTA:ID:SCANner:POWer:RSRQ:ORDer#**

**Syntax:** `LTE:FDD:OTA:ID:SCANner:POWer:RSRQ:ORDer#`

**Parameter/Response:**

**Example:** `LTE:FDD:OTA:ID:SCANner:POWer:RSRQ:ORDer6?`

**Description:** You can query RSRQ Power in OTA ID Scanner measurement of LTE FDD Signal Analyzer

**LTE:TDD:OTA:ID:SCANner:POWer:RSRQ:ORDer#**

**Syntax:** `LTE:TDD:OTA:ID:SCANner:POWer:RSRQ:ORDer#`

**Parameter/Response:**

**Example:** `LTE:TDD:OTA:ID:SCANner:POWer:RSRQ:ORDer6?`

**Description:** You can query RSRQ Power in OTA ID Scanner measurement of LTE TDD Signal Analyzer

**LTE:FDD:OTA:ID:SCANner:POWer:SSS:ORDer#**

**Syntax:** `LTE:FDD:OTA:ID:SCANner:POWer:SSS:ORDer#`

**Parameter/Response:**

**Description:** You can query SSS Power in OTA ID Scanner measurement of LTE FDD Signal Analyzer

**Example:**

`LTE:FDD:OTA:ID:SCANner:POWer:SSS:ORDer6?`

**LTE:TDD:OTA:ID:SCANner:POWer:SSS:ORDer#**

**Syntax:** `LTE:TDD:OTA:ID:SCANner:POWer:SSS:ORDer#`

**Parameter/Response:**

**Description:** You can query SSS Power in OTA ID Scanner measurement of LTE TDD Signal Analyzer

**Example:**

`LTE:TDD:OTA:ID:SCANner:POWer:SSS:ORDer6?`

**LTE:FDD:CCDF:PROBability:PERCent0001**

**Syntax:** `LTE:FDD:CCDF:PROBability:PERCent0001`

**Parameter/Response:**

**Description:** You can query Power of 0.001% Probability in CCDF measurement of LTE FDD Signal Analyzer

**Example:**

`LTE:FDD:CCDF:PROBability:PERCent0001?`

---

### **LTE:TDD:CCDF:PROBability:PERCent0001**

Syntax: LTE:TDD:CCDF:PROBability:PERCent0001

Parameter/Response:

Description: You can query Power of 0.001% Probability in CCDF measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CCDF:PROBability:PERCent0001?

### **LTE:FDD:CCDF:PROBability:PERCent001**

Syntax: LTE:FDD:CCDF:PROBability:PERCent001

Parameter/Response:

Description: You can query Power of 0.01% Probability in CCDF measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CCDF:PROBability:PERCent001?

### **LTE:TDD:CCDF:PROBability:PERCent001**

Syntax: LTE:TDD:CCDF:PROBability:PERCent001

Parameter/Response:

Description: You can query Power of 0.01% Probability in CCDF measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CCDF:PROBability:PERCent001?

### **LTE:FDD:CCDF:PROBability:PERCent01**

Syntax: LTE:FDD:CCDF:PROBability:PERSent01

Parameter/Response:

Description: You can query Power of 0.1% Probability in CCDF measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CCDF:PROBability:PERCent01?

### **LTE:TDD:CCDF:PROBability:PERCent01**

Syntax: LTE:TDD:CCDF:PROBability:PERCent01

Parameter/Response:

Description: You can query Power of 0.1% Probability in CCDF measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CCDF:PROBability:PERCent01?

### **LTE:FDD:CCDF:PROBability:PERCent1**

Syntax: LTE:FDD:CCDF:PROBability:PERCent1

Parameter/Response:

---

Description: You can query Power of 1% Probability in CCDF measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CCDF:PROBability:PERSent1?`

#### **LTE:TDD:CCDF:PROBability:PERCent1**

Syntax: `LTE:TDD:CCDF:PROBability:PERCent1`

Parameter/Response:

Description: You can query Power of 1% Probability in CCDF measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CCDF:PROBability:PERCent1?`

#### **LTE:FDD:CCDF:PROBability:PERCent10**

Syntax: `LTE:FDD:CCDF:PROBability:PERCent10`

Parameter/Response:

Description: You can query Power of 10% Probability in CCDF measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CCDF:PROBability:PERCent10?`

#### **LTE:TDD:CCDF:PROBability:PERCent10**

Syntax: `LTE:TDD:CCDF:PROBability:PERCent10`

Parameter/Response:

Description: You can query Power of 10% Probability in CCDF measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CCDF:PROBability:PERCent10?`

#### **LTE:FDD:SE:PEAK#:RANGe**

Syntax: `LTE:FDD:SE:PEAK#:RANGe`

Parameter/Response:

Description: You can query Peak Frequency of Range in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SE:PEAK20:RANGe?`

#### **LTE:TDD:SE:PEAK#:RANGe**

Syntax: `LTE:TDD:SE:PEAK#:RANGe`

Parameter/Response:

Description: You can query Peak Frequency of Range in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SE:PEAK20:RANGe?`

---

#### **LTE:FDD:MACP:REference:UPPer:POWer**

Syntax: LTE:FDD:MACP:REference:UPPer:POWer

Parameter/Response:

Description: You can query Reference Power of high carrier in Multi Adjacent Channel Power measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:MACP:REference:UPPer:POWer?

#### **LTE:FDD:MACP:REference:LOWer:POWer**

Syntax: LTE:FDD:MACP:REference:LOWer:POWer

Parameter/Response:

Example: LTE:FDD:MACP:REference:LOWer:POWer?

Description: You can query Reference Power of low carrier in Multi Adjacent Channel Power measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:MACP:REference:UPPer:POWer**

Syntax: LTE:TDD:MACP:REference:UPPer:POWer

Parameter/Response:

Description: You can query Reference Power of high carrier in Multi Adjacent Channel Power measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:MACP:REference:UPPer:POWer?

#### **LTE:FDD:ACP:REference:POWer**

Syntax: LTE:FDD:ACP:REference:POWer

Parameter/Response:

Description: You can query Reference Power in ACP measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:ACP:REference:POWer?

#### **LTE:TDD:ACP:REference:POWer**

Syntax: LTE:TDD:ACP:REference:POWer

Parameter/Response:

Description: You can query Reference Power in ACP measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:ACP:REference:POWer?

#### **LTE:FDD:CONStellation:REference:SIGNAL:POWer**

Syntax: LTE:FDD:CONStellation:REference:SIGNAL:POWer

Parameter/Response:



---

Description: You can query Reference Signal Power in Constellation measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CONStellation:REFeRence:SIGNal:POWer?`

#### **LTE:TDD:CONStellation:REFeRence:SIGNal:POWer**

Syntax: `LTE:TDD:CONStellation:REFeRence:SIGNal:POWer`

Parameter/Response:

Description: You can query Reference Signal Power in Constellation measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CONStellation:REFeRence:SIGNal:POWer?`

#### **LTE:FDD:SUBFrame:REGard:RB:QAM16**

Syntax: `LTE:FDD:SUBFrame:REGard:RB:QAM16`

Parameter/Response:

Description: You can query REG/RBs of QAM16 in Subframe measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:REGard:RB:QAM16?`

#### **LTE:TDD:SUBFrame:REGard:RB:QAM16**

Syntax: `LTE:TDD:SUBFrame:REGard:RB:QAM16`

Parameter/Response:

Description: You can query REG/RBs of QAM16 in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:REGard:RB:QAM16?`

#### **LTE:FDD:SUBFrame:REGard:RB:QAM256**

Syntax: `LTE:FDD:SUBFrame:REGard:RB:QAM256`

Parameter/Response:

Description: You can query REG/RBs of QAM256 in Subframe measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:REGard:RB:QAM256?`

#### **LTE:TDD:SUBFrame:REGard:RB:QAM256**

Syntax: `LTE:TDD:SUBFrame:REGard:RB:QAM256`

Parameter/Response:

Description: You can query REG/RBs of QAM256 in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:REGard:RB:QAM256?`

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#### **LTE:FDD:SUBFrame:REGard:RB:QAM64**

Syntax: LTE:FDD:SUBFrame:REGard:RB:QAM64

Parameter/Response:

Description: You can query REG/RBs of QAM64 in Subframe measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SUBFrame:REGard:RB:QAM64?

#### **LTE:TDD:SUBFrame:REGard:RB:QAM64**

Syntax: LTE:TDD:SUBFrame:REGard:RB:QAM64

Parameter/Response:

Description: You can query REG/RBs of QAM64 in Subframe measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SUBFrame:REGard:RB:QAM64?

#### **LTE:FDD:FRAMe:REGard:RB:MBMS**

Syntax: LTE:FDD:FRAMe:REGard:RB:MBMS

Parameter/Response:

Description: You can query REG/RBs of MBMS in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:REGard:RB:MBMS?

#### **LTE:FDD:FRAMe:REGard:RB:PB**

Syntax: LTE:FDD:FRAMe:REGard:RB:PB

Parameter/Response:

Description: You can query REG/RBs of PBCH in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:REGard:RB:PB?

#### **LTE:FDD:FRAMe:REGard:RB:PCFI**

Syntax: LTE:FDD:FRAMe:REGard:RB:PCFI

Parameter/Response:

Description: You can query REG/RBs of PCFICH in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:REGard:RB:PCFI?

#### **LTE:FDD:FRAMe:REGard:RB:PDC**

Syntax: LTE:FDD:FRAMe:REGard:RB:PDC

Parameter/Response:

---

Description: You can query REG/RBs of PDCCH in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:REGard:RB:PDC?`

#### **LTE:FDD:FRAMe:REGard:RB:PDS:QAM16**

Syntax: `LTE:FDD:FRAMe:REGard:RB:PDS:QAM16`

Parameter/Response:

Description: You can query REG/RBs of PDSCH QAM16 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:REGard:RB:PDS:QAM16?`

#### **LTE:FDD:FRAMe:REGard:RB:PDS:QAM256**

Syntax: `LTE:FDD:FRAMe:REGard:RB:PDS:QAM256`

Parameter/Response:

Description: You can query REG/RBs of PDSCH QAM256 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:REGard:RB:PDS:QAM256?`

#### **LTE:FDD:FRAMe:REGard:RB:PDS:QAM64**

Syntax: `LTE:FDD:FRAMe:REGard:RB:PDS:QAM64`

Parameter/Response:

Description: You can query REG/RBs of PDSCH QAM64 in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:REGard:RB:PDS:QAM64?`

#### **LTE:FDD:FRAMe:REGard:RB:PDS:QPSK**

Syntax: `LTE:FDD:FRAMe:REGard:RB:PDS:QPSK`

Parameter/Response:

Description: You can query REG/RBs of PDSCH QPSK in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:REGard:RB:PDS:QPSK?`

#### **LTE:FDD:FRAMe:REGard:RB:PHI**

Syntax: `LTE:FDD:FRAMe:REGard:RB:PHI`

Parameter/Response:

Description: You can query REG/RBs of PHICH in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAMe:REGard:RB:PHI?`

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#### **LTE:FDD:FRAME:REGard:RB:PMCH:QAM16**

Syntax: LTE:FDD:FRAME:REGard:RB:PMCH:QAM16

Parameter/Response:

Description: You can query REG/RBs of PMCH QAM16 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAME:REGard:RB:PMCH:QAM16?

#### **LTE:FDD:FRAME:REGard:RB:PMCH:QAM256**

Syntax: LTE:FDD:FRAME:REGard:RB:PMCH:QAM256

Parameter/Response:

Description: You can query REG/RBs of PMCH QAM256 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAME:REGard:RB:PMCH:QAM256

#### **LTE:FDD:FRAME:REGard:RB:PMCH:QAM64**

Syntax: LTE:FDD:FRAME:REGard:RB:PMCH:QAM64

Parameter/Response:

Description: You can query REG/RBs of PMCH QAM64 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAME:REGard:RB:PMCH:QAM64?

#### **LTE:FDD:FRAME:REGard:RB:PMCH:QPSK**

Syntax: LTE:FDD:FRAME:REGard:RB:PMCH:QPSK

Parameter/Response:

Description: You can query REG/RBs of PMCH QPSK in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAME:REGard:RB:PMCH:QPSK?

#### **LTE:FDD:FRAME:REGard:RB:PSS**

Syntax: LTE:FDD:FRAME:REGard:RB:PSS

Parameter/Response:

Description: You can query REG/RBs of PSS in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAME:REGard:RB:PSS?

#### **LTE:FDD:SUBFrame:REGard:RB:QPSK**

Syntax: LTE:FDD:SUBFrame:REGard:RB:QPSK

Parameter/Response:

---

Description: You can query REG/RBs of QPSK in Subframe measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:REGard:RB:QPSK?`

#### **LTE:TDD:SUBFrame:REGard:RB:QPSK**

Syntax: `LTE:TDD:SUBFrame:REGard:RB:QPSK`

Parameter/Response:

Description: You can query REG/RBs of QPSK in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:REGard:RB:QPSK?`

#### **LTE:FDD:FRAME:REGard:RB:RS**

Syntax: `LTE:FDD:FRAME:REGard:RB:RS`

Parameter/Response:

Description: You can query REG/RBs of RS in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAME:REGard:RB:RS?`

#### **LTE:TDD:SUBFrame:REGard:RB:RS**

Syntax: `LTE:TDD:SUBFrame:REGard:RB:RS`

Parameter/Response:

Example: `LTE:TDD:SUBFrame:REGard:RB:RS?`

Description: You can query REG/RBs of RS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:RS#**

Syntax: `LTE:FDD:SUBFrame:REGard:RB:RS#`

Parameter/Response:

Description: You can query REG/RBs of RS# in Subframe measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:REGard:RB:RS3?`

#### **LTE:TDD:SUBFrame:REGard:RB:RS#**

Syntax: `LTE:TDD:SUBFrame:REGard:RB:RS#`

Parameter/Response:

Description: You can query REG/RBs of RS# in Subframe measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:REGard:RB:RS3?`

---

#### **LTE:FDD:FRAMe:REGard:RB:RS0**

Syntax: LTE:FDD:FRAMe:REGard:RB:RS0

Parameter/Response:

Description: You can query REG/RBs of RS0 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:REGard:RB:RS0?

#### **LTE:FDD:FRAMe:REGard:RB:RS1**

Syntax: LTE:FDD:FRAMe:REGard:RB:RS1

Parameter/Response:

Description: You can query REG/RBs of RS1 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:REGard:RB:RS1?

#### **LTE:FDD:FRAMe:REGard:RB:RS2**

Syntax: LTE:FDD:FRAMe:REGard:RB:RS2

Parameter/Response:

Description: You can query REG/RBs of RS2 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:REGard:RB:RS2?

#### **LTE:FDD:FRAMe:REGard:RB:RS3**

Syntax: LTE:FDD:FRAMe:REGard:RB:RS3

Parameter/Response:

Description: You can query REG/RBs of RS3 in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:REGard:RB:RS3?

#### **LTE:FDD:FRAMe:REGard:RB:SSS**

Syntax: LTE:FDD:FRAMe:REGard:RB:SSS

Parameter/Response:

Description: You can query REG/RBs of SSS in Frame measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:FRAMe:REGard:RB:SSS?

#### **LTE:FDD:FRAMe:REGard:RB:PMCH:UNALlocated**

Syntax: LTE:FDD:FRAMe:REGard:RB:PMCH:UNALlocated

Parameter/Response:

---

Description: You can query REG/RBs of Unallocated in Frame measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:FRAME:REGard:RB:PMCH:UNAllocated?`

#### **LTE:FDD:DATA:CHANnel:RB:POWer**

Syntax: `LTE:FDD:DATA:CHANnel:RB:POWer`

Parameter/Response:

Example: `LTE:FDD:DATA:CHANnel:RB:POWer?`

Description: You can query Resource Block Power in Data Channel measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:DATA:CHANnel:RB:POWer**

Syntax: `LTE:TDD:DATA:CHANnel:RB:POWer`

Parameter/Response:

Example: `LTE:TDD:DATA:CHANnel:RB:POWer?`

Description: You can query Resource Block Power in Data Channel measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:DATA:CHANnel:RB:SIZE**

Syntax: `LTE:FDD:DATA:CHANnel:RB:SIZE`

Parameter/Response:

Example: `LTE:FDD:DATA:CHANnel:RB:SIZE?`

Description: You can query Resource Block Size in Data Channel measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:DATA:CHANnel:RB:SIZE**

Syntax: `LTE:TDD:DATA:CHANnel:RB:SIZE`

Parameter/Response:

Example: `LTE:TDD:DATA:CHANnel:RB:SIZE?`

Description: You can query Resource Block Size in Data Channel measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:DATA:CHANnel:RB:POWer:DATA**

Syntax: `LTE:TDD:DATA:CHANnel:RB:POWer:DATA`

Parameter/Response:

Description: You can query Resource Block Power in Data Channel measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:DATA:CHANnel:RB:POWer:DATA?`

#### **LTE:FDD:OTA:DATAgram:RB:DATA**

Syntax: `LTE:FDD:OTA:DATAgram:RB:DATA`

---

Parameter/Response:

Description: You can query Resource Block in OTA Datagram measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:DATAGram:RB:DATA?`

#### **LTE:TDD:OTA:DATAGram:RB:DATA**

Syntax: `LTE:TDD:OTA:DATAGram:RB:DATA`

Parameter/Response:

Description: You can query Resource Block in OTA Datagram measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:DATAGram:RB:DATA?`

#### **LTE:FDD:OTA:DATAGram:RB:SIZE**

Syntax: `LTE:FDD:OTA:DATAGram:RB:SIZE`

Parameter/Response:

Description: You can query Number of Resource Block in OTA Datagram measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:DATAGram:RB:SIZE?`

#### **LTE:TDD:OTA:DATAGram:RB:SIZE**

Syntax: `LTE:TDD:OTA:DATAGram:RB:SIZE`

Parameter/Response:

Description: You can query Number of Resource Block in OTA Datagram measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:DATAGram:RB:SIZE?`

#### **LTE:FDD:PVST:FRAME:SLOT:POWer:SECond**

Syntax: `LTE:FDD:PVST:FRAME:SLOT:POWer:SECond`

Parameter/Response:

Description: You can query Second Slot Power in Power vs Time(Frame) measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:PVST:FRAME:SLOT:POWer:SECond?`

#### **LTE:TDD:PVST:FRAME:SLOT:POWer:SECond**

Syntax: `LTE:TDD:PVST:FRAME:SLOT:POWer:SECond`

Parameter/Response:

Description: You can query Second Slot Power in Power vs Time(Frame) measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:PVST:FRAME:SLOT:POWer:SECond?`



---

### **LTE:FDD:DAM:POWer:RB:DATA**

Syntax: LTE:FDD:DAM:POWer:RB:DATA

Parameter/Response:

Example: LTE:FDD:DAM:POWer:RB:DATA?

Description: You can query RB data power in Data Allocation Map measurement of LTE FDD Analyzer

### **LTE:TDD:DAM:POWer:RB:DATA**

Syntax: LTE:TDD:DAM:POWer:RB:DATA

Parameter/Response:

Example: LTE:TDD:DAM:POWer:RB:DATA?

Description: You can query RB data power in Data Allocation Map measurement of LTE TDD Analyzer

### **LTE:FDD:DAM:POWer:RB:SElect:DATA**

Syntax: LTE:FDD:DAM:POWer:RB:SElect:DATA

Parameter/Response:

Description: You can query Selected Resource Block in Data Allocation Map measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:DAM:POWer:RB:SElect:DATA?

### **LTE:TDD:DAM:POWer:RB:SElect:DATA**

Syntax: LTE:TDD:DAM:POWer:RB:SElect:DATA

Parameter/Response:

Description: You can query Selected Resource Block in Data Allocation Map measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:DAM:POWer:RB:SElect:DATA?

### **LTE:TDD:PVST:SLOT:AVERage:POWer:JUDGe**

Syntax: LTE:TDD:PVST:SLOT:AVERage:POWer:JUDGe

Parameter/Response:

Description: You can query pass or fail of Slot Average Power in Power vs Time measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:PVST:SLOT:AVERage:POWer:JUDGe?

### **LTE:TDD:PVST:SLOT:AVERage:POWer**

Syntax: LTE:TDD:PVST:SLOT:AVERage:POWer

Parameter/Response:

---

Description: You can query Slot Average Power in Power vs Time measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:PVST:SLOT:AVERage:POWer?`

#### **LTE:TDD:PVST:SLOT:JUDGE**

Syntax: `LTE:TDD:PVST:SLOT:JUDGE`

Parameter/Response:

Description: You can query pass or fail of Power vs Time (Slot) in LTE TDD Signal Analyzer

Example:

`LTE:TDD:PVST:SLOT:JUDGE?`

#### **LTE:FDD:CHANnel:POWer:SPECtral:DENSity**

Syntax: `LTE:FDD:CHANnel:POWer:SPECtral:DENSity`

Parameter/Response:

Description: You can query Spectral Density in Channel Power measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CHANnel:POWer:SPECtral:DENSity?`

#### **LTE:TDD:CHANnel:POWer:SPECtral:DENSity**

Syntax: `LTE:TDD:CHANnel:POWer:SPECtral:DENSity`

Parameter/Response:

Description: You can query Spectral Density in Channel Power measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CHANnel:POWer:SPECtral:DENSity?`

#### **LTE:FDD:CA:SPECtral:DENSity:CC#**

Syntax: `LTE:FDD:CA:SPECtral:DENSity:CC#`

Parameter/Response:

Description: You can query Spectral Density of Carrier Channel in Carrier Aggregation measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CA:SPECtral:DENSity:CC05?`

#### **LTE:TDD:CA:SPECtral:DENSity:CC#**

Syntax: `LTE:TDD:CA:SPECtral:DENSity:CC#`

Parameter/Response:

Description: You can query Spectral Density of Carrier Channel in Carrier Aggregation measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CA:SPECtral:DENSity:CC05?`

---

### **LTE:FDD:SEM:JUDGE**

Syntax: LTE:FDD:SEM:JUDGE

Parameter/Response:

Description: You can query pass or fail of Spectrum Emission Mask in LTE FDD Signal Analyzer

Example:

LTE:FDD:SEM:JUDGE?

### **LTE:TDD:SEM:JUDGE**

Syntax: LTE:TDD:SEM:JUDGE

Parameter/Response:

Description: You can query pass or fail of Spectrum Emission Mask in LTE TDD Signal Analyzer

Example:

LTE:TDD:SEM:JUDGE?

### **LTE:FDD:SE:JUDGE**

Syntax: LTE:FDD:SE:JUDGE

Parameter/Response:

Description: You can query pass or fail of Spurious Emissions in LTE FDD Signal Analyzer

Example:

LTE:FDD:SE:JUDGE?

### **LTE:TDD:SE:JUDGE**

Syntax: LTE:TDD:SE:JUDGE

Parameter/Response:

Description: You can query pass or fail of Spurious Emissions in LTE TDD Signal Analyzer

Example:

LTE:TDD:SE:JUDGE?

### **LTE:FDD:SE:PEAK#:JUDGE**

Syntax: LTE:FDD:SE:PEAK#:JUDGE

Parameter/Response:

Description: You can query pass or fail of Peak# in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SE:PEAK20:JUDGE?

### **LTE:TDD:SE:PEAK#:JUDGE**

Syntax: LTE:TDD:SE:PEAK#:JUDGE

Parameter/Response:

---

Description: You can query pass or fail of Peak# in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SE:PEAK20:JUDGE?`

#### **LTE:FDD:SUBFrame:JUDGE**

Syntax: `LTE:FDD:SUBFrame:JUDGE`

Parameter/Response:

Description: You can query pass or fail of Subframe in LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:JUDGE?`

#### **LTE:TDD:SUBFrame:JUDGE**

Syntax: `LTE:TDD:SUBFrame:JUDGE`

Parameter/Response:

Description: You can query pass or fail of Subframe in LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:JUDGE?`

#### **LTE:FDD:SUBFrame:POWer:JUDGE**

Syntax: `LTE:FDD:SUBFrame:POWer:JUDGE`

Parameter/Response:

Description: You can query pass or fail of Subframe Pwer in LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:POWer:JUDGE?`

#### **LTE:TDD:SUBFrame:POWer:JUDGE**

Syntax: `LTE:TDD:SUBFrame:POWer:JUDGE`

Parameter/Response:

Description: You can query pass or fail of Subframe Pwer in LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:POWer:JUDGE?`

#### **LTE:FDD:SUBFrame:POWer**

Syntax: `LTE:FDD:SUBFrame:POWer`

Parameter/Response:

Description: You can query Subframe Power in LTE FDD Signal Analyzer

Example:

`LTE:FDD:SUBFrame:POWer?`

#### **LTE:TDD:SUBFrame:POWer**

Syntax: `LTE:TDD:SUBFrame:POWer`

---

Parameter/Response:

Description: You can query Subframe Power in LTE TDD Signal Analyzer

Example:

`LTE:TDD:SUBFrame:POWer?`

#### **LTE:FDD:SUBFrame:POWer:UNALlocated**

Syntax: `LTE:FDD:SUBFrame:POWer:UNALlocated`

Parameter/Response:

Example: `LTE:FDD:SUBFrame:POWer:UNALlocated?`

Description: You can query Unallocated Subframe Power in LTE TDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:MBMS**

Syntax: `LTE:FDD:SUBFrame:REGard:RB:MBMS`

Parameter/Response:

Example: `LTE:FDD:SUBFrame:REGard:RB:MBMS?`

Description: You can query REG/RBs of MBMS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:PB**

Syntax: `LTE:FDD:SUBFrame:REGard:RB:PB`

Parameter/Response:

Example: `LTE:FDD:SUBFrame:REGard:RB:PB?`

Description: You can query REG/RBs of PBCH in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:PCFI**

Syntax: `LTE:FDD:SUBFrame:REGard:RB:PCFI`

Parameter/Response:

Example: `LTE:FDD:SUBFrame:REGard:RB:PCFI?`

Description: You can query REG/RBs of PCFICH in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:PDC**

Syntax: `LTE:FDD:SUBFrame:REGard:RB:PDC`

Parameter/Response:

Example: `LTE:FDD:SUBFrame:REGard:RB:PDC?`

Description: You can query REG/RBs of PDCCH in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:PHI**

Syntax: `LTE:FDD:SUBFrame:REGard:RB:PHI`

Parameter/Response:

---

**Example:** `LTE:FDD:SUBFrame:REGard:RB:PHI?`

**Description:** You can query REG/RBs of PHICH in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:SSS**

**Syntax:** `LTE:FDD:SUBFrame:REGard:RB:SSS`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:REGard:RB:SSS?`

**Description:** You can query REG/RBs of SSS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:PSS**

**Syntax:** `LTE:FDD:SUBFrame:REGard:RB:PSS`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:REGard:RB:PSS?`

**Description:** You can query REG/RBs of PSS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:RS**

**Syntax:** `LTE:FDD:SUBFrame:REGard:RB:RS`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:REGard:RB:RS?`

**Description:** You can query REG/RBs of RS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:REGard:RB:UNALlocated**

**Syntax:** `LTE:FDD:SUBFrame:REGard:RB:UNALlocated`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:REGard:RB:UNALlocated?`

**Description:** You can query REG/RBs of Unallocated in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS0:EVM:RMS:ACCumulate**

**Syntax:** `LTE:FDD:SUBFrame:RS0:EVM:RMS:ACCumulate`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:RS0:EVM:RMS:ACCumulate?`

**Description:** You can query RS0 EVM RMS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS0:EVM:RMS:NORMal**

**Syntax:** `LTE:FDD:SUBFrame:RS0:EVM:RMS:NORMal`

**Parameter/Response:**

**Example:** `LTE:FDD:SUBFrame:RS0:EVM:RMS:NORMal?`

---

Description: You can query RS0 EVM RMS Normal in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS1:EVM:RMS:ACCumulate**

Syntax: LTE:FDD:SUBFrame:RS1:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS1:EVM:RMS:ACCumulate?

Description: You can query RS1 EVM RMS Accumulated in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS1:EVM:RMS:NORMal**

Syntax: LTE:FDD:SUBFrame:RS1:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS1:EVM:RMS:NORMal?

Description: You can query RS1 EVM RMS Normal in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS2:EVM:RMS:ACCumulate**

Syntax: LTE:FDD:SUBFrame:RS2:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS2:EVM:RMS:ACCumulate?

Description: You can query RS2 EVM RMS Accumulated in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS2:EVM:RMS:NORMal**

Syntax: LTE:FDD:SUBFrame:RS2:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS2:EVM:RMS:NORMal?

Description: You can query RS2 EVM RMS Normal in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS3:EVM:RMS:ACCumulate**

Syntax: LTE:FDD:SUBFrame:RS3:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS3:EVM:RMS:ACCumulate?

Description: You can query RS3 EVM RMS Accumulated in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS3:EVM:RMS:NORMal**

Syntax: LTE:FDD:SUBFrame:RS3:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS3:EVM:RMS:NORMal?

---

Description: You can query RS3 EVM RMS Normal in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS:EVM:PEAK:ACCumulate**

Syntax: LTE:FDD:SUBFrame:RS:EVM:PEAK:ACCumulate

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS:EVM:PEAK:ACCumulate?

Description: You can query Accumulated RS EVM Peak in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS:EVM:PEAK:NORMal**

Syntax: LTE:FDD:SUBFrame:RS:EVM:PEAK:NORMal

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS:EVM:PEAK:NORMal?

Description: You can query Normal RS EVM Peak in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS:EVM:PEAK:SYMBol**

Syntax: LTE:FDD:SUBFrame:RS:EVM:PEAK:SYMBol

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS:EVM:PEAK:SYMBol?

Description: You can query RS EVM Peak Symbol in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS:EVM:RMS:ACCumulate**

Syntax: LTE:FDD:SUBFrame:RS:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS:EVM:RMS:ACCumulate?

Description: You can query Accumulated RS EVM RMS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:RS:EVM:RMS:NORMal**

Syntax: LTE:FDD:SUBFrame:RS:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:FDD:SUBFrame:RS:EVM:RMS:NORMal?

Description: You can query Normal RS EVM RMS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:TIME:ERRor**

Syntax: LTE:FDD:SUBFrame:TIME:ERRor

Parameter/Response:



---

Example: `LTE:FDD:SUBFrame:TIME:ERRor?`

Description:

#### **LTE:FDD:SUBFrame:TIME:ERRor:JUDGe**

Syntax: `LTE:FDD:SUBFrame:TIME:ERRor:JUDGe`

Parameter/Response:

Example: `LTE:FDD:SUBFrame:TIME:ERRor:JUDGe?`

Description: You can query pass or fail for Time Error in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:SUBFrame:POWer:UNALlocated**

Syntax: `LTE:TDD:SUBFrame:POWer:UNALlocated`

Parameter/Response:

Example: `LTE:TDD:SUBFrame:POWer:UNALlocated?`

Description: You can query Unallocated Power in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:REGard:RB:MBMS**

Syntax: `LTE:TDD:SUBFrame:REGard:RB:MBMS`

Parameter/Response:

Example: `LTE:TDD:SUBFrame:REGard:RB:MBMS?`

Description: You can query REG/RBs of MBMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:REGard:RB:PB**

Syntax: `LTE:TDD:SUBFrame:REGard:RB:PB`

Parameter/Response:

Example: `LTE:TDD:SUBFrame:REGard:RB:PB?`

Description: You can query REG/RBs of PBCH in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:REGard:RB:PCFI**

Syntax: `LTE:TDD:SUBFrame:REGard:RB:PCFI`

Parameter/Response:

Example: `LTE:TDD:SUBFrame:REGard:RB:PCFI?`

Description: You can query REG/RBs of PCFICH in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:REGard:RB:PDC**

Syntax: `LTE:TDD:SUBFrame:REGard:RB:PDC`

Parameter/Response:

Example: `LTE:TDD:SUBFrame:REGard:RB:PDC?`

---

Description: You can query REG/RBs of PDCCH in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:REGard:RB:PHI**

Syntax: LTE:TDD:SUBFrame:REGard:RB:PHI

Parameter/Response:

Example: LTE:TDD:SUBFrame:REGard:RB:PHI?

Description: You can query REG/RBs of PHICH in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:REGard:RB:PSS**

Syntax: LTE:TDD:SUBFrame:REGard:RB:PSS

Parameter/Response:

Example: LTE:TDD:SUBFrame:REGard:RB:PSS?

Description: You can query REG/RBs of PSS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:REGard:RB:SSS**

Syntax: LTE:TDD:SUBFrame:REGard:RB:SSS

Parameter/Response:

Example: LTE:TDD:SUBFrame:REGard:RB:SSS?

Description: You can query REG/RBs of SSS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:REGard:RB:UNALlocated**

Syntax: LTE:TDD:SUBFrame:REGard:RB:UNALlocated

Parameter/Response:

Example: LTE:TDD:SUBFrame:REGard:RB:UNALlocated?

Description: You can query Unallocated REG/RBs in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS0:EVM:RMS:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS0:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS0:EVM:RMS:ACCumulate?

Description: You can query Accumulated RS0 EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS0:EVM:RMS:NORMal**

Syntax: LTE:TDD:SUBFrame:RS0:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS0:EVM:RMS:NORMal?

---

Description: You can query Normal RS0 EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS1:EVM:PEAK:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS1:EVM:PEAK:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS1:EVM:PEAK:ACCumulate?

Description: You can query Accumulated RS1 EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS1:EVM:PEAK:NORMal**

Syntax: LTE:TDD:SUBFrame:RS1:EVM:PEAK:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS1:EVM:PEAK:NORMal?

Description: You can query Normal RS1 EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS1:EVM:RMS:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS1:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS1:EVM:RMS:ACCumulate?

Description: You can query Accumulated RS1 EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS1:EVM:RMS:NORMal**

Syntax: LTE:TDD:SUBFrame:RS1:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS1:EVM:RMS:NORMal?

Description: You can query Normal RS1 EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS2:EVM:PEAK:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS2:EVM:PEAK:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS2:EVM:PEAK:ACCumulate?

Description: You can query Accumulated RS2 EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS2:EVM:PEAK:NORMal**

Syntax: LTE:TDD:SUBFrame:RS2:EVM:PEAK:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS2:EVM:PEAK:NORMal?

---

Description: You can query Normal RS2 EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS2:EVM:RMS:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS2:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS2:EVM:RMS:ACCumulate?

Description: You can query Accumulated RS2 EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS2:EVM:RMS:NORMal**

Syntax: LTE:TDD:SUBFrame:RS2:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS2:EVM:RMS:NORMal?

Description: : You can query Normal RS2 EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS3:EVM:PEAK:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS3:EVM:PEAK:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS3:EVM:PEAK:ACCumulate?

Description: You can query Accumulated RS3 EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS3:EVM:PEAK:NORMal**

Syntax: LTE:TDD:SUBFrame:RS3:EVM:PEAK:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS3:EVM:PEAK:NORMal?

Description: You can query Normal RS3 EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS3:EVM:RMS:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS3:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS3:EVM:RMS:ACCumulate?

Description: You can query Accumulated RS2 EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:RS3:EVM:RMS:NORMal**

Syntax: LTE:TDD:SUBFrame:RS3:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS3:EVM:RMS:NORMal?

---

Description: You can query Normal RS3 EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

**LTE:TDD:SUBFrame:RS:EVM:PEAK:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS:EVM:PEAK:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS:EVM:PEAK:ACCumulate?

Description: You can query Accumulated RS3 EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

**LTE:TDD:SUBFrame:RS:EVM:PEAK:NORMal**

Syntax: LTE:TDD:SUBFrame:RS:EVM:PEAK:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS:EVM:PEAK:NORMal?

Description: You can query Normal RS EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

**LTE:TDD:SUBFrame:RS:EVM:PEAK:SYMBol**

Syntax: LTE:TDD:SUBFrame:RS:EVM:PEAK:SYMBol

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS:EVM:PEAK:SYMBol?

Description: You can query RS EVM Peak Symbol in Subframe measurement of LTE TDD Signal Analyzer

**LTE:TDD:SUBFrame:RS:EVM:RMS:ACCumulate**

Syntax: LTE:TDD:SUBFrame:RS:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS:EVM:RMS:ACCumulate?

Description: You can query RS EVM Peak Symbol in Subframe measurement of LTE TDD Signal Analyzer

**LTE:TDD:SUBFrame:RS:EVM:RMS:NORMal**

Syntax: LTE:TDD:SUBFrame:RS:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:TDD:SUBFrame:RS:EVM:RMS:NORMal?

Description: You can query Normal RS EVM RMS in Subframe measurement of LTE TDD Signal Analyzer

**LTE:TDD:SUBFrame:TIME:ERRor**

Syntax: LTE:TDD:SUBFrame:TIME:ERRor

Parameter/Response:

Example: LTE:TDD:SUBFrame:TIME:ERRor?

---

Description: You can query Time Error in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:TDD:SUBFrame:TIME:ERRor:JUDGe**

Syntax: LTE:TDD:SUBFrame:TIME:ERRor:JUDGe

Parameter/Response:

Example: LTE:TDD:SUBFrame:TIME:ERRor:JUDGe?

Description: You can query pass or fail for Time Error in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:DAM:THReshold:PDS**

Syntax: LTE:FDD:DAM:THReshold:PDS

Parameter/Response:

Description: You can query Threshold for PDSCH in Data Allocation Map of LTE FDD Signal Analyzer

Example:

LTE:FDD:DAM:THReshold:PDS?

#### **LTE:TDD:DAM:THReshold:PDS**

Syntax: LTE:TDD:DAM:THReshold:PDS

Parameter/Response:

Description: You can query Threshold for PDSCH in Data Allocation Map of LTE TDD Signal Analyzer

Example:

LTE:TDD:DAM:THReshold:PDS?

#### **LTE:FDD:OTA:CONTRol:CHANnel:TAE:AVERage**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:TAE:AVERage

Parameter/Response:

Description: You can query Average Time Alignment Error in OTA Control Channel of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:TAE:AVERage?

#### **LTE:TDD:OTA:CONTRol:CHANnel:TAE:AVERage**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:TAE:AVERage

Parameter/Response:

Description: You can query Average Time Alignment Error in OTA Control Channel of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:TAE:AVERage?

---

### **LTE:FDD:TAE:BETWEEN:ANTenna**

Syntax: LTE:FDD:TAE:BETWEEN:ANTenna

Parameter/Response:

Description: You can query Antenna Number of Time Alignment Error Difference in LTE FDD Signal Analyzer

Example:

LTE:FDD:TAE:BETWEEN:ANTenna?

### **LTE:TDD:TAE:BETWEEN:ANTenna**

Syntax: LTE:TDD:TAE:BETWEEN:ANTenna

Parameter/Response:

Description: You can query Antenna Number of Time Alignment Error Difference in LTE TDD Signal Analyzer

Example:

LTE:TDD:TAE:BETWEEN:ANTenna?

### **LTE:FDD:OTA:CONTROL:CHANNEL:TAE:ERROR:JUDGE**

Syntax: LTE:FDD:OTA:CONTROL:CHANNEL:TAE:ERROR:JUDGE

Parameter/Response:

Description: You can query pass or fail of Time Alignment Error in OTA Control Channel of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTROL:CHANNEL:TAE:ERROR:JUDGE?

### **LTE:TDD:OTA:CONTROL:CHANNEL:TAE:ERROR:JUDGE**

Syntax: LTE:TDD:OTA:CONTROL:CHANNEL:TAE:ERROR:JUDGE

Parameter/Response:

Description: You can query pass or fail of Time Alignment Error in OTA Control Channel of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTROL:CHANNEL:TAE:ERROR:JUDGE?

### **LTE:FDD:CA:TAE:CC#:JUDGE**

Syntax: LTE:FDD:CA:TAE:CC#:JUDGE

Parameter/Response:

Description: You can query pass or fail of Time Alignment Error of Carrier Channel in Carrier Aggregation measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CA:TAE:CC05:JUDGE?

### **LTE:TDD:CA:TAE:CC#:JUDGE**

Syntax: LTE:TDD:CA:TAE:CC#:JUDGE

Parameter/Response:

---

Description: You can query pass or fail of Time Alignment Error of Carrier Channel in Carrier Aggregation measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CA:TAE:CC05:JUDGE?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:TAE:PEAK**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:TAE:PEAK`

Parameter/Response:

Description: You can query Peak Time Alignment Error in OTA Control Channel of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:TAE:PEAK?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:TAE:PEAK**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:TAE:PEAK`

Parameter/Response:

Description: You can query Peak Time Alignment Error in OTA Control Channel of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:TAE:PEAK?`

#### **LTE:FDD:TAE:ACCumulate**

Syntax: `LTE:FDD:TAE:ACCumulate`

Parameter/Response:

Description: You can query Accumulated Time Alignment Error in LTE FDD Signal Analyzer

Example:

`LTE:FDD:TAE:ACCumulate?`

#### **LTE:TDD:TAE:ACCumulate**

Syntax: `LTE:TDD:TAE:ACCumulate`

Parameter/Response:

Description: You can query Accumulated Time Alignment Error in LTE TDD Signal Analyzer

Example:

`LTE:TDD:TAE:ACCumulate?`

#### **LTE:FDD:TAE:AVAlIable:ANTenna0**

Syntax: `LTE:FDD:TAE:AVAlIable:ANTenna0`

Parameter/Response:

Example: `LTE:FDD:TAE:AVAlIable:ANTenna0?`

Description: You can query Available Antenna0 in Time Alignment Error in LTE FDD Signal Analyzer



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### **LTE:FDD:TAE:AVAlIable:ANTenna1**

Syntax: LTE:FDD:TAE:AVAlIable:ANTenna1

Parameter/Response:

Example: LTE:FDD:TAE:AVAlIable:ANTenna1?

Description: You can query Available Antenna1 in Time Alignment Error in LTE FDD Signal Analyzer

### **LTE:FDD:TAE:AVAlIable:ANTenna2**

Syntax: LTE:FDD:TAE:AVAlIable:ANTenna2

Parameter/Response:

Example: LTE:FDD:TAE:AVAlIable:ANTenna2?

Description: You can query Available Antenna2 in Time Alignment Error in LTE FDD Signal Analyzer

### **LTE:FDD:TAE:AVAlIable:ANTenna3**

Syntax: LTE:FDD:TAE:AVAlIable:ANTenna3

Parameter/Response:

Example: LTE:FDD:TAE:AVAlIable:ANTenna3?

Description: You can query Available Antenna3 in Time Alignment Error in LTE FDD Signal Analyzer

### **LTE:FDD:TAE:DETECT:ANTenna0**

Syntax: LTE:FDD:TAE:DETECT:ANTenna0

Parameter/Response:

Example: LTE:FDD:TAE:DETECT:ANTenna0?

Description: You can query if Antenna0 is being detected in Time Alignment Error measurement of LTE FDD Signal Analyzer

### **LTE:FDD:TAE:DETECT:ANTenna1**

Syntax: LTE:FDD:TAE:DETECT:ANTenna1

Parameter/Response:

Example: LTE:FDD:TAE:DETECT:ANTenna1?

Description: You can query if Antenna0 is being detected in Time Alignment Error measurement of LTE FDD Signal Analyzer

### **LTE:FDD:TAE:DETECT:ANTenna2**

Syntax: LTE:FDD:TAE:DETECT:ANTenna2

Parameter/Response:

Example: LTE:FDD:TAE:DETECT:ANTenna2?

Description: You can query if Antenna2 is being detected in Time Alignment Error measurement of LTE FDD Signal Analyzer

---

### **LTE:FDD:TAE:DETECT:ANTenna3**

Syntax: LTE:FDD:TAE:DETECT:ANTenna3

Parameter/Response:

Example: LTE:FDD:TAE:DETECT:ANTenna3?

Description: You can query if Antenna3 is being detected in Time Alignment Error measurement of LTE FDD Signal Analyzer

### **LTE:TDD:TAE:AVAILABLE:ANTenna0**

Syntax: LTE:TDD:TAE:AVAILABLE:ANTenna0

Parameter/Response:

Example: LTE:TDD:TAE:AVAILABLE:ANTenna0?

Description: You can query Available Antenna0 in Time Alignment Error in LTE TDD Signal Analyzer

### **LTE:TDD:TAE:AVAILABLE:ANTenna1**

Syntax: LTE:TDD:TAE:AVAILABLE:ANTenna1

Parameter/Response:

Example: LTE:TDD:TAE:AVAILABLE:ANTenna1?

Description: You can query Available Antenna1 in Time Alignment Error in LTE TDD Signal Analyzer

### **LTE:TDD:TAE:AVAILABLE:ANTenna2**

Syntax: LTE:TDD:TAE:AVAILABLE:ANTenna2

Parameter/Response:

Example: LTE:TDD:TAE:AVAILABLE:ANTenna2?

Description: You can query Available Antenna2 in Time Alignment Error in LTE TDD Signal Analyzer

### **LTE:TDD:TAE:AVAILABLE:ANTenna3**

Syntax: LTE:TDD:TAE:AVAILABLE:ANTenna3

Parameter/Response:

Example: LTE:TDD:TAE:AVAILABLE:ANTenna3?

Description: You can query Available Antenna3 in Time Alignment Error in LTE TDD Signal Analyzer

### **LTE:TDD:TAE:DETECT:ANTenna0**

Syntax: LTE:TDD:TAE:DETECT:ANTenna0

Parameter/Response:

Example: LTE:TDD:TAE:DETECT:ANTenna0?

Description: You can query Available Antenna0 in Time Alignment Error in LTE TDD Signal Analyzer

---

### **LTE:TDD:TAE:DETECT:ANTenna1**

Syntax: LTE:TDD:TAE:DETECT:ANTenna1

Parameter/Response:

Example: LTE:TDD:TAE:DETECT:ANTenna1?

Description: You can query if Antenna1 is being detected in Time Alignment Error measurement of LTE TDD Signal Analyzer

### **LTE:TDD:TAE:DETECT:ANTenna2**

Syntax: LTE:TDD:TAE:DETECT:ANTenna2

Parameter/Response:

Example: LTE:TDD:TAE:DETECT:ANTenna2?

Description: You can query if Antenna2 is being detected in Time Alignment Error measurement of LTE TDD Signal Analyzer

### **LTE:TDD:TAE:DETECT:ANTenna3**

Syntax: LTE:TDD:TAE:DETECT:ANTenna3

Parameter/Response:

Example: LTE:TDD:TAE:DETECT:ANTenna3?

Description: You can query if Antenna3 is being detected in Time Alignment Error measurement of LTE TDD Signal Analyzer

### **LTE:TDD:TAE:EVM:RS:ANTenna0**

Syntax: LTE:TDD:TAE:EVM:RS:ANTenna0

Parameter/Response:

Example: LTE:TDD:TAE:EVM:RS:ANTenna0?

Description: You can query Antenna0 for RS EVM in Time Alignment Error measurement of LTE TDD Signal Analyzer

### **LTE:TDD:TAE:EVM:RS:ANTenna1**

Syntax: LTE:TDD:TAE:EVM:RS:ANTenna1

Parameter/Response:

Example: LTE:TDD:TAE:EVM:RS:ANTenna1?

Description: You can query Antenna1 for RS EVM in Time Alignment Error measurement of LTE TDD Signal Analyzer

### **LTE:TDD:TAE:EVM:RS:ANTenna2**

Syntax: LTE:TDD:TAE:EVM:RS:ANTenna2

Parameter/Response:

Example: LTE:TDD:TAE:EVM:RS:ANTenna2?

Description: You can query Antenna2 for RS EVM in Time Alignment Error measurement of LTE TDD Signal Analyzer

---

### **LTE:TDD:TAE:EVM:RS:ANTenna3**

Syntax: LTE:TDD:TAE:EVM:RS:ANTenna3

Parameter/Response:

Example: LTE:TDD:TAE:EVM:RS:ANTenna3?

Description: You can query Antenna3 for RS EVM in Time Alignment Error measurement of LTE TDD Signal Analyzer

### **LTE:FDD:CA:TIME:ERRor:CC#**

Syntax: LTE:FDD:CA:TIME:ERRor:CC#

Parameter/Response:

Description: You can query Time Error of Carrier Channel in Carrier Aggregation of LTE FDD Signal Analyzer

Example:

LTE:FDD:CA:TIME:ERRor:CC05?

### **LTE:TDD:CA:TIME:ERRor:CC#**

Syntax: LTE:TDD:CA:TIME:ERRor:CC#

Parameter/Response:

Description: You can query Time Error of Carrier Channel in Carrier Aggregation of LTE TDD Signal Analyzer

Example:

LTE:TDD:CA:TIME:ERRor:CC05?

### **LTE:FDD:TAE:NORMal**

Syntax: LTE:FDD:TAE:NORMal

Parameter/Response:

Description: You can query Time Alignment Error in LTE FDD Signal Analyzer

Example:

LTE:FDD:TAE:NORMal?

### **LTE:TDD:TAE:NORMal**

Syntax: LTE:TDD:TAE:NORMal

Parameter/Response:

Description: You can query Time Alignment Error in LTE TDD Signal Analyzer

Example:

LTE:TDD:TAE:NORMal?

### **LTE:FDD:OTA:DATAGram:CURSor:TIME**

Syntax: LTE:FDD:OTA:DATAGram:CURSor:TIME

Parameter/Response:

Description: You can query Time of Cursor position in OTA Datagram of LTE FDD Signal Analyzer

Example:

---

`LTE:FDD:OTA:DATAGram:CURSor:TIME?`

#### **LTE:TDD:OTA:DATAGram:CURSor:TIME**

Syntax: `LTE:TDD:OTA:DATAGram:CURSor:TIME`

Parameter/Response:

Description: You can query Time of Cursor position in OTA Datagram of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:DATAGram:CURSor:TIME?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:TIME:ERRor:JUDGE**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:TIME:ERRor:JUDGE`

Parameter/Response:

Description: You can query pass or fail of Time Error in OTA Control Channel of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:TIME:ERRor:JUDGE?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:TIME:ERRor:JUDGE**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:TIME:ERRor:JUDGE`

Parameter/Response:

Description: You can query pass or fail of Time Error in OTA Control Channel of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:TIME:ERRor:JUDGE?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:TIME:ERRor**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:TIME:ERRor`

Parameter/Response:

Description: You can query Time Error in OTA Control Channel of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:TIME:ERRor?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:TIME:ERRor**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:TIME:ERRor`

Parameter/Response:

Description: You can query Time Error in OTA Control Channel of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:TIME:ERRor?`

#### **LTE:TDD:PVST:FRAME:TIME:OFFSet:JUDGE**

Syntax: `LTE:FDD:PVST:FRAME:TIME:OFFSet:JUDGE`

---

Parameter/Response:

Description: You can query pass or fail of Time Offset in Power vs Time(Frame) measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:PVST:FRAME:TIME:OFFSet:JUDGE?`

#### **LTE:TDD:PVST:FRAME:TIME:OFFSet:JUDGE**

Syntax: `LTE:TDD:PVST:FRAME:TIME:OFFSet:JUDGE`

Parameter/Response:

Description: You can query pass or fail of Time Offset in Power vs Time(Frame) measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:PVST:FRAME:TIME:OFFSet:JUDGE?`

#### **LTE:FDD:PVST:FRAME:TIME:OFFSet**

Syntax: `LTE:FDD:PVST:FRAME:TIME:OFFSet`

Parameter/Response:

Description: You can query Time Offset in Power vs Time(Frame) measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:PVST:FRAME:TIME:OFFSet?`

#### **LTE:TDD:PVST:FRAME:TIME:OFFSet**

Syntax: `LTE:TDD:PVST:FRAME:TIME:OFFSet`

Parameter/Response:

Description: You can query Time Offset in Power vs Time(Frame) measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:PVST:FRAME:TIME:OFFSet?`

#### **LTE:FDD:TAE:TIME:DIFFerence:ANTenna#**

Syntax: `LTE:FDD:TAE:TIME:DIFFerence:ANTenna#`

Parameter/Response:

Description: You can query RS Time Difference of Antenna in Time Alignment Error measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:TAE:TIME:DIFFerence:ANTenna3?`

#### **LTE:TDD:TAE:TIME:DIFFerence:ANTenna#**

Syntax: `LTE:TDD:TAE:TIME:DIFFerence:ANTenna#`

Parameter/Response:

Description: You can query RS Time Difference of Antenna (0,1,2,3) in Time Alignment Error measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:TAE:TIME:DIFFerence:ANTenna3?`

---

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:AVERage:MBMS:DATA**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:EVM:AVERage:MBMS:DATA

Parameter/Response:

Description: You can query average EVM of MBMS in OTA Control Channel of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:EVM:AVERage:MBMS:DATA?

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:AVERage:MBMS:DATA**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:EVM:AVERage:MBMS:DATA

Parameter/Response:

Description: You can query average EVM of MBMS in OTA Control Channel of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:EVM:AVERage:MBMS:DATA?

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:AVERage:RS#:DATA**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:EVM:AVERage:RS#:DATA

Parameter/Response:

Description: You can query average EVM of RS (0,1,2,3) in OTA Control Channel of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:EVM:AVERage:RS3:DATA?

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:AVERage:RS#:DATA**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:EVM:AVERage:RS#:DATA

Parameter/Response:

Description: You can query average EVM of RS (0,1,2,3) in OTA Control Channel of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:CONTRol:CHANnel:EVM:AVERage:RS3:DATA?

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWER:AVERage:MBMS:DATA**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:POWER:AVERage:MBMS:DATA

Parameter/Response:

Description: You can query Average Power of MBMS in OTA Control Channel of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:POWER:AVERage:MBMS:DATA?

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWER:AVERage:MBMS:DATA**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:POWER:AVERage:MBMS:DATA

Parameter/Response:

---

Description: You can query Average Power of MBMS in OTA Control Channel of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:AVERage:MBMS:DATA?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:AVERage:RS#:DATA**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:POWer:AVERage:RS#:DATA`

Parameter/Response:

Description: You can query Average Power of RS (0,1,2,3) in OTA Control Channel of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:POWer:AVERage:RS3:DATA?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:AVERage:RS#:DATA**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:POWer:AVERage:RS#:DATA`

Parameter/Response:

Description: You can query Average Power of RS (0,1,2,3) in OTA Control Channel of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:AVERage:RS3:DATA?`

#### **LTE:FDD:CA:TRACe:CC#:DATA**

Syntax: `LTE:FDD:CA:TRACe:CC#:DATA`

Parameter/Response:

Description: You can query Trace Data of Carrier Channel in Carrier Aggregation of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CA:TRACe:CC05:DATA?`

#### **LTE:TDD:CA:TRACe:CC#:DATA**

Syntax: `LTE:TDD:CA:TRACe:CC#:DATA`

Parameter/Response:

Description: You can query Trace Data of Carrier Channel in Carrier Aggregation of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CA:TRACe:CC05:DATA?`

#### **LTE:FDD:SPECTrum:TRACe:DATA**

Syntax: `LTE:FDD:SPECTrum:TRACe:DATA`

Parameter/Response:

Description: You can query Trace Data in Spectrum Measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SPECTrum:TRACe:DATA?`



---

### **LTE:TDD:SPECTrum:TRACe:DATA**

Syntax: LTE:TDD:SPECTrum:TRACe:DATA

Parameter/Response:

Description: You can query Trace Data in Spectrum Measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SPECTrum:TRACe:DATA?

### **LTE:FDD:CAPTure:IQ Filename**

Syntax: LTE:FDD:CAPTure:IQ Filename

Parameter/Response: N/A

Description: You can Capture IQ data in designated file name of internal folder in Spectrum measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CAPTure:IQ NR\_20190510

### **LTE:TDD:CAPTure:IQ Filename**

Syntax: LTE:TDD:CAPTure:IQ Filename

Parameter/Response: N/A

Description: You can Capture IQ data in designated file name of internal folder in Spectrum measurement of LTE TDD Signal Analyzer

Example:

LTE:FDD:CAPTure:IQ NR\_20190510

### **LTE:FDD:CHANnel:POWER:TRACe:DATA**

Syntax: LTE:FDD:CHANnel:POWER:TRACe:DATA

Parameter/Response:

Description: You can query Trace Data in Channel Power Measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CHANnel:POWER:TRACe:DATA?

### **LTE:TDD:CHANnel:POWER:TRACe:DATA**

Syntax: LTE:TDD:CHANnel:POWER:TRACe:DATA

Parameter/Response:

Description: You can query Trace Data in Channel Power Measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CHANnel:POWER:TRACe:DATA?

### **LTE:FDD:OCCUpied:BW:TRACe:DATA**

Syntax: LTE:FDD:OCCUpied:BW:TRACe:DATA

Parameter/Response:

---

Description: You can query Trace Data in Occupied Bandwidth Measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OCCUpied:BW:TRACe:DATA?`

#### **LTE:TDD:OCCUpied:BW:TRACe:DATA**

Syntax: `LTE:TDD:OCCUpied:BW:TRACe:DATA`

Parameter/Response:

Description: You can query Trace Data in Occupied Bandwidth Measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OCCUpied:BW:TRACe:DATA?`

#### **LTE:FDD:ACP:TRACe:DATA**

Syntax: `LTE:FDD:ACP:TRACe:DATA`

Parameter/Response:

Description: You can query Trace Data in Adjacent Channel Power Measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:ACP:TRACe:DATA?`

#### **LTE:TDD:ACP:TRACe:DATA**

Syntax: `LTE:TDD:ACP:TRACe:DATA`

Parameter/Response:

Description: You can query Trace Data in Adjacent Channel Power Measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:ACP:TRACe:DATA?`

#### **LTE:FDD:SEM:TRACe:DATA**

Syntax: `LTE:FDD:SEM:TRACe:DATA`

Parameter/Response:

Description: You can query Trace Data in Spectrum Emission Mask Measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:SEM:TRACe:DATA?`

#### **LTE:TDD:SEM:TRACe:DATA**

Syntax: `LTE:TDD:SEM:TRACe:DATA`

Parameter/Response:

Description: You can query Trace Data in Spectrum Emission Mask Measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SEM:TRACe:DATA?`

---

#### **LTE:FDD:MACP:TRACe:DATA**

Syntax: LTE:FDD:MACP:TRACe:DATA

Parameter/Response:

Description: You can query Trace Data in Multiple Adjacent Channel Power Measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:MACP:TRACe:DATA?

#### **LTE:TDD:MACP:TRACe:DATA**

Syntax: LTE:TDD:MACP:TRACe:DATA

Parameter/Response:

Description: You can query Trace Data in Multiple Adjacent Channel Power Measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:MACP:TRACe:DATA?

#### **LTE:FDD:SE:TRACe:DATA**

Syntax: LTE:FDD:SE:TRACe:DATA

Parameter/Response:

Description: You can query Trace Data in Spurious Emissions Measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:SE:TRACe:DATA?

#### **LTE:TDD:SE:TRACe:DATA**

Syntax: LTE:TDD:SE:TRACe:DATA

Parameter/Response:

Description: You can query Trace Data in Spurious Emissions Measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:SE:TRACe:DATA?

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:MBMS:DATA**

Syntax: LTE:FDD:OTA:CONTRol:CHANnel:EVM:MBMS:DATA

Parameter/Response:

Description: You can query EVM trace of MBMS in OTA Control Channel of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:CONTRol:CHANnel:EVM:MBMS:DATA?

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:MBMS:DATA**

Syntax: LTE:TDD:OTA:CONTRol:CHANnel:EVM:MBMS:DATA

Parameter/Response:

---

Description: You can query EVM trace of MBMS in OTA Control Channel of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:EVM:MBMS:DATA?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS#:DATA**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS#:DATA`

Parameter/Response:

Description: You can query EVM trace of RS (0,1,2,3) in OTA Control Channel of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:EVM:RS3:DATA?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:EVM:RS#:DATA**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:EVM:RS#:DATA`

Parameter/Response:

Description: You can query EVM trace of RS (0,1,2,3) in OTA Control Channel of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:EVM:RS3:DATA?`

#### **LTE:FDD:OTA:MULTipath:MBMS:ECIO:DATA**

Syntax: `LTE:FDD:OTA:MULTipath:MBMS:ECIO:DATA`

Parameter/Response:

Description: You can query Ec/Io trace of MBMS in OTA Multipath Profile measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:MULTipath:MBMS:ECIO:DATA?`

#### **LTE:TDD:OTA:MULTipath:MBMS:ECIO:DATA**

Syntax: `LTE:TDD:OTA:MULTipath:MBMS:ECIO:DATA`

Parameter/Response:

Description: You can query Ec/Io trace of MBMS in OTA Multipath Profile measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:MULTipath:MBMS:ECIO:DATA?`

#### **LTE:FDD:OTA:MULTipath:RS:ECIO:ANTenna#:DATA**

Syntax: `LTE:FDD:OTA:MULTipath:RS:ECIO:ANTenna#:DATA`

Parameter/Response:

Description: You can query RS Ec/Io trace of Antenna (0,1,2,3) in OTA Multipath Profile measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:MULTipath:RS:ECIO:ANTenna3:DATA?`

---

#### **LTE:TDD:OTA:MULTipath:RS:ECIO:ANTenna#:DATA**

Syntax: LTE:TDD:OTA:MULTipath:RS:ECIO:ANTenna#:DATA

Parameter/Response:

Description: You can query RS Ec/Io trace of Antenna (0,1,2,3) in OTA Multipath Profile measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:MULTipath:RS:ECIO:ANTenna3:DATA?

#### **LTE:FDD:OTA:MULTipath:SYNC:PSS:ECIO:DATA**

Syntax: LTE:FDD:OTA:MULTipath:SYNC:PSS:ECIO:DATA

Parameter/Response:

Description: You can query Sync PSS Ec/Io trace in OTA Multipath Profile measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:MULTipath:SYNC:PSS:ECIO:DATA?

#### **LTE:TDD:OTA:MULTipath:SYNC:PSS:ECIO:DATA**

Syntax: LTE:TDD:OTA:MULTipath:SYNC:PSS:ECIO:DATA

Parameter/Response:

Description: You can query Sync PSS Ec/Io trace in OTA Multipath Profile measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:MULTipath:SYNC:PSS:ECIO:DATA?

#### **LTE:FDD:OTA:MULTipath:SYNC:SSS:ECIO:DATA**

Syntax: LTE:FDD:OTA:MULTipath:SYNC:SSS:ECIO:DATA

Parameter/Response:

Description: You can query Sync SSS Ec/Io trace in OTA Multipath Profile measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:OTA:MULTipath:SYNC:SSS:ECIO:DATA?

#### **LTE:TDD:OTA:MULTipath:SYNC:SSS:ECIO:DATA**

Syntax: LTE:TDD:OTA:MULTipath:SYNC:SSS:ECIO:DATA

Parameter/Response:

Description: You can query Sync SSS Ec/Io trace in OTA Multipath Profile measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OTA:MULTipath:SYNC:SSS:ECIO:DATA?

#### **LTE:FDD:OTA:CONTrol:CHANnel:POWER:MBMS:DATA**

Syntax: LTE:FDD:OTA:CONTrol:CHANnel:POWER:MBMS:DATA

Parameter/Response:

---

Description: You can query trace of MBMS Power in OTA Control Channel of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:POWer:MBMS:DATA?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:MBMS:DATA**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:POWer:MBMS:DATA`

Parameter/Response:

Description: You can query trace of MBMS Power in OTA Control Channel of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:MBMS:DATA?`

#### **LTE:FDD:OTA:CONTRol:CHANnel:POWer:RS#:DATA**

Syntax: `LTE:FDD:OTA:CONTRol:CHANnel:POWer:RS#:DATA`

Parameter/Response:

Description: You can query trace of RS (0,1,2,3) Power in OTA Control Channel of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OTA:CONTRol:CHANnel:POWer:RS3:DATA?`

#### **LTE:TDD:OTA:CONTRol:CHANnel:POWer:RS#:DATA**

Syntax: `LTE:TDD:OTA:CONTRol:CHANnel:POWer:RS#:DATA`

Parameter/Response:

Description: You can query trace of RS Power (0,1,2,3) in OTA Control Channel of LTE TDD Signal Analyzer

Example:

`LTE:TDD:OTA:CONTRol:CHANnel:POWer:RS3:DATA?`

#### **LTE:TDD:PVST:FRAMe:PTS:POWer:UP**

Syntax: `LTE:TDD:PVST:FRAMe:PTS:POWer:UP`

Parameter/Response:

Description: You can query upPTS Power in Power vs Time(Frame) measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:PVST:FRAMe:PTS:POWer:UP?`

#### **LTE:FDD:OCCupied:BW:XDB:BW**

Syntax: `LTE:FDD:OCCupied:BW:XDB:BW`

Parameter/Response:

Description: You can query xDB Bandwidth in Occupied Bandwidth Measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:OCCupied:BW:XDB:BW?`

---

### **LTE:TDD:OCCupied:BW:XDB:BW**

Syntax: LTE:TDD:OCCupied:BW:XDB:BW

Parameter/Response:

Description: You can query xDB Bandwidth in Occupied Bandwidth Measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:OCCupied:BW:XDB:BW?

### **LTE:FDD:SCALE:AUTO**

Syntax: LTE:FDD:SCALE:AUTO

Parameter/Response:

Description: You can set Auto for Scale in LTE FDD Signal Analyzer

Example:

LTE:FDD:SCALE:AUTO

### **LTE:TDD:SCALE:AUTO**

Syntax: LTE:TDD:SCALE:AUTO

Parameter/Response:

Description: You can set Auto for Scale in LTE TDD Signal Analyzer

Example:

LTE:TDD:SCALE:AUTO

### **LTE:FDD:TRACE:CAPTURE**

Syntax: LTE:FDD:TRACE:CAPTURE

Parameter/Response:

Description: You can set Capture for Trace in LTE FDD Signal Analyzer

Example:

LTE:FDD:TRACE:CAPTURE

### **LTE:TDD:TRACE:CAPTURE**

Syntax: LTE:TDD:TRACE:CAPTURE

Parameter/Response:

Description: You can set Capture for Trace in LTE TDD Signal Analyzer

Example:

LTE:TDD:TRACE:CAPTURE

### **LTE:FDD:MARKer:OFF:ALL**

Syntax: LTE:FDD:MARKer:OFF:ALL

Parameter/Response:

Description: You can set All Marker Off in LTE FDD Signal Analyzer

Example:

LTE:FDD:MARKer:OFF:ALL

---

#### **LTE:TDD:MARKer:OFF:ALL**

Syntax: LTE:TDD:MARKer:OFF:ALL

Parameter/Response:

Description: You can set All Marker Off in LTE TDD Signal Analyzer

Example:

LTE:TDD:MARKer:OFF:ALL

#### **LTE:FDD:MARKer:SEARch:MIN**

Syntax: LTE:FDD:MARKer:SEARch:MIN

Parameter/Response:

Description: You can set Marker to Minimum Search in LTE FDD Signal Analyzer

Example:

LTE:FDD:MARKer:SEARch:MIN

#### **LTE:TDD:MARKer:SEARch:MIN**

Syntax: LTE:TDD:MARKer:SEARch:MIN

Parameter/Response:

Description: You can set Marker to Minimum Search in LTE TDD Signal Analyzer

Example:

LTE:TDD:MARKer:SEARch:MIN

#### **LTE:FDD:MARKer:MOVE:CENTer**

Syntax: LTE:FDD:MARKer:MOVE:CENTer

Parameter/Response:

Description: You can set Marker to move Center position in LTE FDD Signal Analyzer

Example:

LTE:FDD:MARKer:MOVE:CENTer

#### **LTE:TDD:MARKer:MOVE:CENTer**

Syntax: LTE:TDD:MARKer:MOVE:CENTer

Parameter/Response:

Description: You can set Marker to move Center position in LTE TDD Signal Analyzer

Example:

LTE:TDD:MARKer:MOVE:CENTer

#### **LTE:FDD:MARKer:MOVE:START**

Syntax: LTE:FDD:MARKer:MOVE:START

Parameter/Response:

Description: You can set Marker to move Start position in LTE FDD Signal Analyzer

Example:



---

`LTE:FDD:MARKer:MOVE:START`

#### **LTE:TDD:MARKer:MOVE:START**

Syntax: `LTE:TDD:MARKer:MOVE:START`

Parameter/Response:

Description: You can set Marker to move Start position in LTE TDD Signal Analyzer

Example:

`LTE:TDD:MARKer:MOVE:START`

#### **LTE:FDD:MARKer:MOVE:STOP**

Syntax: `LTE:FDD:MARKer:MOVE:STOP`

Parameter/Response:

Description: You can set Marker to move Stop position in LTE FDD Signal Analyzer

Example:

`LTE:FDD:MARKer:MOVE:STOP`

#### **LTE:TDD:MARKer:MOVE:STOP**

Syntax: `LTE:TDD:MARKer:MOVE:STOP`

Parameter/Response:

Description: You can set Marker to move Stop position in LTE TDD Signal Analyzer

Example:

`LTE:TDD:MARKer:MOVE:STOP`

#### **LTE:FDD:MARKer:SEARch:NEXT**

Syntax: `LTE:FDD:MARKer:SEARch:NEXT`

Parameter/Response:

Description: You can set Marker to Next Peak search in LTE FDD Signal Analyzer

Example:

`LTE:FDD:MARKer:SEARch:NEXT`

#### **LTE:TDD:MARKer:SEARch:NEXT**

Syntax: `LTE:TDD:MARKer:SEARch:NEXT`

Parameter/Response:

Description: You can set Marker to Next Peak search in LTE TDD Signal Analyzer

Example:

`LTE:TDD:MARKer:SEARch:NEXT`

#### **LTE:FDD:MARKer:SEARch:LEFT**

Syntax: `LTE:FDD:MARKer:SEARch:LEFT`

---

Parameter/Response:

Description: You can set Marker search to Left in LTE FDD Signal Analyzer

Example:

`LTE:FDD:MARKer:SEARch:LEFT`

#### **LTE:TDD:MARKer:SEARch:LEFT**

Syntax: `LTE:TDD:MARKer:SEARch:LEFT`

Parameter/Response:

Description: You can set Marker search to Left in LTE TDD Signal Analyzer

Example:

`LTE:TDD:MARKer:SEARch:LEFT`

#### **LTE:FDD:MARKer:SEARch:RIGHT**

Syntax: `LTE:FDD:MARKer:SEARch:RIGHT`

Parameter/Response:

Description: You can set Marker search to Right in LTE FDD Signal Analyzer

Example:

`LTE:FDD:MARKer:SEARch:RIGHT`

#### **LTE:TDD:MARKer:SEARch:RIGHT**

Syntax: `LTE:TDD:MARKer:SEARch:RIGHT`

Parameter/Response:

Description: You can set Marker search to Right in LTE TDD Signal Analyzer

Example:

`LTE:TDD:MARKer:SEARch:RIGHT`

#### **LTE:FDD:MARKer:SEARch:PEAK**

Syntax: `LTE:FDD:MARKer:SEARch:PEAK`

Parameter/Response:

Description: You can set Marker search to Peak in LTE FDD Signal Analyzer

Example:

`LTE:FDD:MARKer:SEARch:PEAK`

#### **LTE:TDD:MARKer:SEARch:PEAK**

Syntax: `LTE:TDD:MARKer:SEARch:PEAK`

Parameter/Response:

Description: You can set Marker search to Peak in LTE TDD Signal Analyzer

Example:

`LTE:TDD:MARKer:SEARch:PEAK`

#### **LTE:FDD:PRESet**

Syntax: `LTE:FDD:PRESet`

Parameter/Response:

Description: You can Preset LTE FDD Signal Analyzer

---

Example:  
`LTE:FDD:PRESet`

### **LTE:TDD:PRESet**

Syntax: `LTE:TDD:PRESet`  
Parameter/Response:  
Description: You can Preset LTE TDD Signal Analyzer  
Example:  
`LTE:TDD:PRESet`

### **LTE:FDD:PRESet:MEASure**

Syntax: `LTE:FDD:PRESet:MEASure`  
Parameter/Response:  
Description: You can Preset Measure in LTE FDD Signal Analyzer  
Example:  
`LTE:FDD:PRESet:MEASure`

### **LTE:TDD:PRESet:MEASure**

Syntax: `LTE:TDD:PRESet:MEASure`  
Parameter/Response:  
Description: You can Preset Measure in LTE TDD Signal Analyzer  
Example:  
`LTE:TDD:PRESet:MEASure`

### **LTE:FDD:MEASure:RESet**

Syntax: `LTE:FDD:MEASure:RESet`  
Parameter/Response:  
Description: You can Reset Measure in LTE FDD Signal Analyzer  
Example:  
`LTE:FDD:MEASure:RESet`

### **LTE:TDD:MEASure:RESet**

Syntax: `LTE:TDD:MEASure:RESet`  
Parameter/Response:  
Description: You can Reset Measure in LTE TDD Signal Analyzer  
Example:  
`LTE:TDD:MEASure:RESet`

### **LTE:FDD:CALCulate:TRACe5**

Syntax: `LTE:FDD:CALCulate:TRACe5`  
Parameter/Response:  
Description: You can calculate T1-T2 and input the result value to T5 in LTE FDD Signal Analyzer  
Example:

---

`LTE:FDD:CALCulate:TRACe5`

#### **LTE:TDD:CALCulate:TRACe5**

Syntax: `LTE:TDD:CALCulate:TRACe5`

Parameter/Response:

Description: You can calculate T1-T2 and input the result value to T5 in LTE TDD Signal Analyzer

Example:

`LTE:TDD:CALCulate:TRACe5`

#### **LTE:FDD:CALCulate:TRACe6**

Syntax: `LTE:FDD:CALCulate:TRACe6`

Parameter/Response:

Description: You can calculate T2-T1 and input the result value to T6 in LTE FDD Signal Analyzer

Example:

`LTE:FDD:CALCulate:TRACe6`

#### **LTE:TDD:CALCulate:TRACe6**

Syntax: `LTE:TDD:CALCulate:TRACe6`

Parameter/Response:

Description: You can calculate T2-T1 and input the result value to T6 in LTE TDD Signal Analyzer

Example:

`LTE:TDD:CALCulate:TRACe6`

#### **LTE:FDD:SWEEp:ONCE**

Syntax: `LTE:FDD:SWEEp:ONCE`

Parameter/Response:

Description: You can set to Sweep once in LTE FDD Signal Analyzer

Example:

`LTE:FDD:SWEEp:ONCE`

#### **LTE:TDD:SWEEp:ONCE**

Syntax: `LTE:TDD:SWEEp:ONCE`

Parameter/Response:

Description: You can set to Sweep once in LTE TDD Signal Analyzer

Example:

`LTE:TDD:SWEEp:ONCE`

#### **LTE:FDD:TRACe:CLEAR:ALL**

Syntax: `LTE:FDD:TRACe:CLEAR:ALL`

Parameter/Response:

Description: You can clear all traces in LTE FDD Signal Analyzer

---

Example:

`LTE:FDD:TRACe:CLEAr:ALL`

#### **LTE:TDD:TRACe:CLEAr:ALL**

Syntax: `LTE:TDD:TRACe:CLEAr:ALL`

Parameter/Response:

Description: You can clear all traces in LTE TDD Signal Analyzer

Example:

`LTE:TDD:TRACe:CLEAr:ALL`

#### **LTE:FDD:MARKer#:ALWays:PEAK**

Syntax: `LTE:FDD:MARKer#:ALWays:PEAK`

Parameter/Response:

Description: You can set always Peak to Marker# in LTE FDD Signal Analyzer

Example:

`LTE:FDD:MARKer01:ALWays:PEAK 1000 MHz`

#### **LTE:TDD:MARKer#:ALWays:PEAK**

Syntax: `LTE:TDD:MARKer#:ALWays:PEAK`

Parameter/Response:

Description: You can set always Peak to Marker# in LTE TDD Signal Analyzer

Example:

`LTE:TDD:MARKer01:ALWays:PEAK 1000 MHz`

#### **LTE:FDD:AMPLitude:ATTenuation:MODE**

Syntax: `LTE:FDD:AMPLitude:ATTenuation:MODE`

Parameter/Response:

Description: You can set attenuation mode in LTE FDD Signal Analyzer

Example:

`LTE:FDD:AMPLitude:ATTenuation:MODE Manual`

#### **LTE:TDD:AMPLitude:ATTenuation:MODE**

Syntax: `LTE:TDD:AMPLitude:ATTenuation:MODE`

Parameter/Response:

Description: You can set attenuation mode in LTE TDD Signal Analyzer

Example:

`LTE:TDD:AMPLitude:ATTenuation:MODE Auto`

#### **LTE:FDD:SE:RANGe#:ATTenuation**

Syntax: `LTE:FDD:SE:RANGe#:ATTenuation`

Parameter/Response:

Description: You can set attenuation value of Range# in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example:

---

`LTE:FDD:SE:RANGe09:ATTenuation 30`

#### **LTE:TDD:SE:RANGe#:ATTenuation**

Syntax: `LTE:TDD:SE:RANGe#:ATTenuation`

Parameter/Response:

Description: You can set attenuation value of Range# in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:SE:RANGe09:ATTenuation 30`

#### **LTE:FDD:TRACe#:INFOrmation:ATTenuation**

Syntax: `LTE:FDD:TRACe#:INFOrmation:ATTenuation`

Parameter/Response:

Description: You can get attenuation information of Trace# in LTE FDD Signal Analyzer

Example:

#### **LTE:TDD:TRACe#:INFOrmation:ATTenuation**

Syntax: `LTE:TDD:TRACe#:INFOrmation:ATTenuation`

Parameter/Response:

Description: You can get attenuation information of Trace# in LTE TDD Signal Analyzer

Example:

#### **LTE:FDD:AMPLitude:ATTenuation:VALue**

Syntax: `LTE:FDD:AMPLitude:ATTenuation:VALue`

Parameter/Response:

Description: You can set attenuation value in LTE FDD Signal Analyzer

Example:

`LTE:FDD:AMPLitude:ATTenuation:VALue 20`

#### **LTE:TDD:AMPLitude:ATTenuation:VALue**

Syntax: `LTE:TDD:AMPLitude:ATTenuation:VALue`

Parameter/Response:

Description: You can set attenuation value in LTE TDD Signal Analyzer

Example:

`LTE:TDD:AMPLitude:ATTenuation:VALue 20`

#### **LTE:FDD:AVERage**

Syntax: `LTE:FDD:AVERage`

Parameter/Response:

Description: You can set average in LTE FDD Signal Analyzer

Example:

`LTE:FDD:AVERage 10`

---

### **LTE:TDD:AVERage**

Syntax: LTE:TDD:AVERage

Parameter/Response:

Description: You can set average in LTE TDD Signal Analyzer

Example:

LTE:TDD:AVERage 10

### **LTE:FDD:TRACe#:INFOrmation:AVERage**

Syntax: LTE:FDD:TRACe#:INFOrmation:AVERage

Parameter/Response:

Description: You can get average information of trace# in LTE FDD Signal Analyzer

Example:

### **LTE:TDD:TRACe#:INFOrmation:AVERage**

Syntax: LTE:TDD:TRACe#:INFOrmation:AVERage

Parameter/Response:

Description: You can get average information of trace# in LTE TDD Signal Analyzer

Example:

### **LTE:FDD:BW**

Syntax: LTE:FDD:BW

Parameter/Response:

Description: You can set Bandwidth in LTE FDD Signal Analyzer

Example:

LTE:FDD:BW Bandwidth3

### **LTE:TDD:BW**

Syntax: LTE:TDD:BW

Parameter/Response:

Description: You can set bandwidth in LTE TDD Signal Analyzer

Example:

LTE:TDD:BW Bandwidth3

### **LTE:FDD:CC#:BW**

Syntax: LTE:FDD:CC#:BW

Parameter/Response:

Description: You can set Bandwidth of Carrier Channel in LTE FDD Signal Analyzer

Example:

LTE:FDD:CC05:BW 20MHz

---

### **LTE:TDD:CC#:BW**

Syntax: LTE:TDD:CC#:BW

Parameter/Response:

Description: You can set Bandwidth of Carrier Channel in LTE TDD Signal Analyzer

Example:

LTE:TDD:CC05:BW 20MHz

### **LTE:FDD:CA:BW:CS#**

Syntax: LTE:FDD:CA:BW:CS#

Parameter/Response:

Description: You can set Bandwidth of Channel# in Channel Scanner measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CA:BW:CS1 Bandwidth3

### **LTE:TDD:CA:BW:CS#**

Syntax: LTE:TDD:CA:BW:CS#

Parameter/Response:

Description: You can set Bandwidth of Channel# in Channel Scanner measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CA:BW:CS1 Bandwidth3

### **LTE:FDD:FREQuency:CENTer**

Syntax: LTE:FDD:FREQuency:CENTer

Parameter/Response:

Description: You can set center frequency in LTE FDD Signal Analyzer

Example:

LTE:FDD:FREQuency:CENTer 1000 MHz

### **LTE:TDD:FREQuency:CENTer**

Syntax: LTE:TDD:FREQuency:CENTer

Parameter/Response:

Description: You can set center frequency in LTE TDD Signal Analyzer

Example:

LTE:TDD:FREQuency:CENTer 1000 MHz

### **LTE:FDD:CC#:FREQuency:CENTer**

Syntax: LTE:FDD:CC#:FREQuency:CENTer

Parameter/Response:

Description: You can set center frequency of Carrier Channel in LTE FDD Signal Analyzer



---

Example:

`LTE:FDD:CC05:FREQuency:CENTer 1 GHz`

### **LTE:TDD:CC#:FREQuency:CENTer**

Syntax: `LTE:TDD:CC#:FREQuency:CENTer`

Parameter/Response:

Description: You can set center frequency of Carrier Channel in LTE TDD Signal Analyzer

Example:

`LTE:TDD:CC05:FREQuency:CENTer 1 GHz`

### **LTE:FDD:CA:FREQuency:CENTer:CS#**

Syntax: `LTE:FDD:CA:FREQuency:CENTer:CS#`

Parameter/Response:

Description: You can set center frequency of Channel# in Channel Scanner measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CA:FREQuency:CENTer:CS1 1000`

### **LTE:TDD:CA:FREQuency:CENTer:CS#**

Syntax: `LTE:TDD:CA:FREQuency:CENTer:CS#`

Parameter/Response:

Description: You can set center frequency of Channel# in Channel Scanner measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CA:FREQuency:CENTer:CS1 1000`

### **LTE:FDD:CHANnel:NUMBer**

Syntax: `LTE:FDD:CHANnel:NUMBer`

Parameter/Response:

Description: You can set Channel Number in LTE FDD Signal Analyzer

Example:

`LTE:FDD:CHANnel:NUMBer 10`

### **LTE:TDD:CHANnel:NUMBer**

Syntax: `LTE:TDD:CHANnel:NUMBer`

Parameter/Response:

Description: You can set Channel Number in LTE TDD Signal Analyzer

Example:

`LTE:TDD:CHANnel:NUMBer 10`

### **LTE:FDD:CC#:CHANnel:NUMBer**

Syntax: `LTE:FDD:CC#:CHANnel:NUMBer`

Parameter/Response:

---

Description: You can set Channel Number of Carrier Channel in LTE FDD Signal Analyzer

Example:

`LTE:FDD:CC05:CHANnel:NUMBer 1`

#### **LTE:TDD:CC#:CHANnel:NUMBer**

Syntax: `LTE:TDD:CC#:CHANnel:NUMBer`

Parameter/Response:

Description: You can set Channel Number of Carrier Channel in LTE TDD Signal Analyzer

Example:

`LTE:TDD:CC05:CHANnel:NUMBer 1`

#### **LTE:FDD:CA:CHANnel:NUMBer:CS#**

Syntax: `LTE:FDD:CA:CHANnel:NUMBer:CS#`

Parameter/Response:

Description: You can set Channel Number of Channel# in Channel Scanner measurement of LTE FDD Signal Analyzer

Example:

`LTE:FDD:CA:CHANnel:NUMBer:CS1 1000`

#### **LTE:TDD:CA:CHANnel:NUMBer:CS#**

Syntax: `LTE:TDD:CA:CHANnel:NUMBer:CS#`

Parameter/Response:

Description: You can set Channel Number of Channel# in Channel Scanner measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CA:CHANnel:NUMBer:CS1 1000`

#### **LTE:FDD:CHANnel:STANdard**

Syntax: `LTE:FDD:CHANnel:STANdard`

Parameter/Response:

Description: You can set Channel Standard in LTE FDD Signal Analyzer

Example:

`LTE:FDD:CHANnel:STANdard 201`

#### **LTE:TDD:CHANnel:STANdard**

Syntax: `LTE:TDD:CHANnel:STANdard`

Parameter/Response:

Description: You can set Channel Standard in LTE TDD Signal Analyzer

Example:

`LTE:TDD:CHANnel:STANdard 201`

---

#### **LTE:FDD:CA:CHANnel:STANdard:CS#**

Syntax: LTE:FDD:CA:CHANnel:STANdard:CS#

Parameter/Response:

Description: You can set Channel Standard of Channel# in Channel Scanner measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CA:CHANnel:STANdard:CS1 201

#### **LTE:TDD:CA:CHANnel:STANdard:CS#**

Syntax: LTE:TDD:CA:CHANnel:STANdard:CS#

Parameter/Response:

Description: You can set Channel Standard of Channel# in Channel Scanner measurement of LTE TDD Signal Analyzer

Example:

LTE:TDD:CA:CHANnel:STANdard:CS1 201

#### **LTE:FDD:CC#:CHANnel:STANdard**

Syntax: LTE:FDD:CC#:CHANnel:STANdard

Parameter/Response:

Description: You can set Channel Standard of Carrier Channel in LTE FDD Signal Analyzer

Example:

LTE:FDD:CC05:CHANnel:STANdard Band1

#### **LTE:TDD:CC#:CHANnel:STANdard**

Syntax: LTE:TDD:CC#:CHANnel:STANdard

Parameter/Response:

Description: You can set Channel Standard of Carrier Channel in LTE TDD Signal Analyzer

Example:

LTE:TDD:CC05:CHANnel:STANdard Band1

#### **LTE:FDD:CA:CHANnel:STANdard:STRIng:CS#**

Syntax: LTE:FDD:CA:CHANnel:STANdard:STRIng:CS#

Parameter/Response:

Description: You can get Channel Standard name of Channel# in Channel Scanner measurement of LTE FDD Signal Analyzer

Example:

LTE:FDD:CA:CHANnel:STANdard:STRIng:CS1 Band1

#### **LTE:TDD:CA:CHANnel:STANdard:STRIng:CS#**

Syntax: LTE:TDD:CA:CHANnel:STANdard:STRIng:CS#

Parameter/Response:

---

Description: You can get Channel Standard name of Channel# in Channel Scanner measurement of LTE TDD Signal Analyzer

Example:

`LTE:TDD:CA:CHANnel:STANdard:STRing:CS1 Band`

### **LTE:FDD:CHANnel:STEP**

Syntax: `LTE:FDD:CHANnel:STEP`

Parameter/Response:

Description: You can set Channel Step in LTE FDD Signal Analyzer

Example:

`LTE:FDD:CHANnel:STEP 10`

### **LTE:TDD:CHANnel:STEP**

Syntax: `LTE:TDD:CHANnel:STEP`

Parameter/Response:

Description: You can set Channel Step in LTE TDD Signal Analyzer

Example:

`LTE:TDD:CHANnel:STEP 10`

### **LTE:FDD:CURSor:TIME**

Syntax: `LTE:FDD:CURSor:TIME`

Parameter/Response:

Description: You can set Time Cursor in LTE FDD Signal Analyzer

Example:

`LTE:FDD:CURSor:TIME Off`

### **LTE:TDD:CURSor:TIME**

Syntax: `LTE:TDD:CURSor:TIME`

Parameter/Response:

Description: You can set Time Cursor in LTE TDD Signal Analyzer

Example:

`LTE:TDD:CURSor:TIME Off`

### **LTE:FDD:DELay**

Syntax: `LTE:FDD:DELay`

Parameter/Response:

Description: You can set Delay in LTE FDD Signal Analyzer

Example:

`LTE:FDD:DELay 10`

### **LTE:TDD:DELay**

Syntax: `LTE:TDD:DELay`

Parameter/Response:

Description: You can set Delay in LTE TDD Signal Analyzer

---

Example:  
LTE:TDD:DElay 10

#### **LTE:FDD:TRACe#:INFOrmation:DETector**

Syntax: LTE:FDD:TRACe#:INFOrmation:DETector  
Parameter/Response:  
Description: You can get Detector Information of Trace# in LTE FDD Signal Analyzer  
Example:  
LTE:FDD:TRACe#:INFOrmation:DETector?

#### **LTE:FDD:TRACe#:INFOrmation:EXTernal**

Syntax: LTE:FDD:TRACe#:INFOrmation:DETector  
Parameter/Response:  
Description: You can get External Information of Trace# in LTE FDD Signal Analyzer  
Example:  
LTE:FDD:TRACe#:INFOrmation:DETector?

#### **LTE:TDD:TRACe#:INFOrmation:EXTernal**

Syntax: LTE:FDD:TRACe#:INFOrmation:DETector  
Parameter/Response:  
Description: You can get External Information of Trace# in LTE TDD Signal Analyzer  
Example:  
LTE:FDD:TRACe#:INFOrmation:DETector?

#### **LTE:TDD:TRACe#:INFOrmation:DETector**

Syntax: LTE:TDD:TRACe#:INFOrmation:DETector  
Parameter/Response:  
Description: You can get Detector Information of Trace# in LTE TDD Signal Analyzer  
Example:  
LTE:TDD:TRACe#:INFOrmation:DETector?

#### **LTE:FDD:DISPlay:DATA:CHANnel**

Syntax: LTE:FDD:DISPlay:DATA:CHANnel  
Parameter/Response:  
Description: You can set Display Data Channel in LTE FDD Signal Analyzer  
Example:  
LTE:FDD:DISPlay:DATA:CHANnel PMCH

#### **LTE:TDD:DISPlay:DATA:CHANnel**

Syntax: LTE:TDD:DISPlay:DATA:CHANnel

---

Parameter/Response:

Description: You can set Display Data Channel in LTE TDD Signal Analyzer

Example:

`LTE:TDD:DISPlay:DATA:CHANnel Both`

### **LTE:FDD:DISPlay:ITEM**

Syntax: `LTE:FDD:DISPlay:ITEM`

Parameter/Response:

Description: You can set Display item in LTE FDD Signal Analyzer

Example:

`LTE:FDD:DISPlay:ITEM Power`

### **LTE:TDD:DISPlay:ITEM**

Syntax: `LTE:TDD:DISPlay:ITEM`

Parameter/Response:

Description: You can set Display item in LTE TDD Signal Analyzer

Example:

`LTE:TDD:DISPlay:ITEM Power`

### **LTE:FDD:DISPlay:OPTion**

Syntax: `LTE:FDD:DISPlay:OPTion`

Parameter/Response:

Description: You can set Display Option in LTE FDD Signal Analyzer

Example:

`LTE:FDD:DISPlay:OPTion Blink`

### **LTE:TDD:DISPlay:OPTion**

Syntax: `LTE:TDD:DISPlay:OPTion`

Parameter/Response:

Description: You can set Display Option in LTE TDD Signal Analyzer

Example:

`LTE:TDD:DISPlay:OPTion Blink`

### **LTE:FDD:DISPlay:REFeRence**

Syntax: `LTE:FDD:DISPlay:REFeRence`

Parameter/Response:

Description: You can set Display Reference in LTE FDD Signal Analyzer

Example:

`LTE:FDD:DISPlay:REFeRence Sync`

### **LTE:TDD:DISPlay:REFeRence**

Syntax: `LTE:TDD:DISPlay:REFeRence`

Parameter/Response:

Description: You can set Display Reference in LTE TDD Signal Analyzer

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Example:

`LTE:TDD:DISPlay:REference Sync`

#### **LTE:FDD:AMPLitude:EXTernal**

Syntax: `LTE:FDD:AMPLitude:EXTernal`

Parameter/Response:

Description: You can set External Offset in LTE FDD Signal Analyzer

Example:

`LTE:FDD:AMPLitude:EXTernal 23.3`

#### **LTE:TDD:AMPLitude:EXTernal**

Syntax: `LTE:TDD:AMPLitude:EXTernal`

Parameter/Response:

Description: You can set External Offset in LTE TDD Signal Analyzer

Example:

`LTE:TDD:AMPLitude:EXTernal 23.3`

#### **LTE:FDD:AMPLitude:EXTernal:MODE**

Syntax: `LTE:FDD:AMPLitude:EXTernal:MODE`

Parameter/Response:

Description: You can set External Offset Mode in LTE FDD Signal Analyzer

Example:

`LTE:FDD:AMPLitude:EXTernal:MODE Off`

#### **LTE:TDD:AMPLitude:EXTernal:MODE**

Syntax: `LTE:TDD:AMPLitude:EXTernal:MODE`

Parameter/Response:

Description: You can set External Offset Mode in LTE TDD Signal Analyzer

Example:

`LTE:TDD:AMPLitude:EXTernal:MODE Off`

#### **LTE:FDD:TRACe#:INFOrmation:EXTernal**

Syntax: `LTE:FDD:TRACe#:INFOrmation:EXTernal`

Parameter/Response:

Description: You can get External Offset Information of Trace# in LTE FDD Signal Analyzer

Example:

#### **LTE:TDD:TRACe#:INFOrmation:EXTernal**

Syntax: `LTE:TDD:TRACe#:INFOrmation:EXTernal`

Parameter/Response:

Description: You can get External Offset Information of Trace# in LTE TDD Signal Analyzer

Example:

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### **LTE:FDD:AMPlitude:PREAmP:FIRSt**

Syntax: LTE:FDD:AMPlitude:PREAmP:FIRSt

Parameter/Response:

Description: You can set on or off the First Preamplifier in LTE FDD Signal Analyzer

Example: `LTE:FDD:AMPlitude:PREAmP:FIRSt Off`

### **LTE:TDD:AMPlitude:PREAmP:FIRSt**

Syntax: LTE:TDD:AMPlitude:PREAmP:FIRSt

Parameter/Response:

Description: You can set on or off the First Preamplifier in LTE TDD Signal Analyzer

Example: `LTE:TDD:AMPlitude:PREAmP:FIRSt Off`

### **LTE:FDD:AMPlitude:PREAmP:DNC:FIRSt**

Syntax: LTE:FDD:AMPlitude:PREAmP:DNC:FIRSt

Parameter/Response:

Description: You can set on or off the First Preamplifier for DNC in LTE FDD Signal Analyzer

Example: `LTE:FDD:AMPlitude:PREAmP:DNC:FIRSt Off`

### **LTE:TDD:AMPlitude:PREAmP:DNC:FIRSt**

Syntax: LTE:TDD:AMPlitude:PREAmP:DNC:FIRSt

Parameter/Response:

Description: You can set on or off the First Preamplifier for DNC in LTE TDD Signal Analyzer

Example: `LTE:TDD:AMPlitude:PREAmP:DNC:FIRSt Off`

### **LTE:FDD:MARKer#:FREQuency:DELTA**

Syntax: LTE:FDD:MARKer#:FREQuency:DELTA

Parameter/Response:

Description: You can set Delta Marker Frequency in LTE FDD Signal Analyzer

Example: `LTE:FDD:MARKer01:FREQuency:DELTA 1000 MHz`

### **LTE:TDD:MARKer#:FREQuency:DELTA**

Syntax: LTE:TDD:MARKer#:FREQuency:DELTA

Parameter/Response:

Description: You can set Delta Marker Frequency in LTE TDD Signal Analyzer

Example: `LTE:TDD:MARKer01:FREQuency:DELTA 1000 MHz`

### **LTE:FDD:MARKer#:FREQuency:DELTA:RELative**

Syntax: LTE:FDD:MARKer#:FREQuency:DELTA:RELative

Parameter/Response:



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Description: You can set Delta Marker Relative Frequency in LTE FDD Signal Analyzer

Example: `LTE:FDD:MARKer01:FREQuency:DELTA:RELative 1000 MHz`

#### **LTE:TDD:MARKer#:FREQuency:DELTA:RELative**

Syntax: `LTE:TDD:MARKer#:FREQuency:DELTA:RELative`

Parameter/Response:

Description: You can set Delta Marker Relative Frequency in LTE TDD Signal Analyzer

Example: `LTE:TDD:MARKer01:FREQuency:DELTA:RELative 1000 MHz`

#### **LTE:FDD:MARKer#:FREQuency**

Syntax: `LTE:FDD:MARKer#:FREQuency`

Parameter/Response:

Description: You can set frequency of marker# in LTE FDD Signal Analyzer

Example: `LTE:FDD:MARKer01:FREQuency 1000 MHz`

#### **LTE:TDD:MARKer#:FREQuency**

Syntax: `LTE:TDD:MARKer#:FREQuency`

Parameter/Response:

Description: You can set frequency of marker# in LTE TDD Signal Analyzer

Example: `LTE:TDD:MARKer01:FREQuency 1000 MHz`

#### **LTE:FDD:LIMit:CHANnel:SCANner:HIGh**

Syntax: `LTE:FDD:LIMit:CHANnel:SCANner:HIGh`

Parameter/Response:

Description: You can set high limit of Channel Scanner in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:CHANnel:SCANner:HIGh 30`

#### **LTE:TDD:LIMit:CHANnel:SCANner:HIGh**

Syntax: `LTE:TDD:LIMit:CHANnel:SCANner:HIGh`

Parameter/Response:

Description: You can set high limit of Channel Scanner in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:CHANnel:SCANner:HIGh 30`

#### **LTE:FDD:LIMit:CA:INTer:BAND:TAE:HIGh**

Syntax: `LTE:FDD:LIMit:CA:INTer:BAND:TAE:HIGh`

Parameter/Response:

Description: You can set high Time Alignment Error for Inter band in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:CA:INTer:BAND:TAE:HIGh 30`

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#### **LTE:TDD:LIMit:CA:INTEr:BAND:TAE:HIGH**

Syntax: LTE:TDD:LIMit:CA:INTEr:BAND:TAE:HIGH

Parameter/Response:

Description: You can set high Time Alignment Error for Inter band in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CA:INTEr:BAND:TAE:HIGH 30

#### **LTE:FDD:LIMit:CA:INTRa:CONTInue:TAE:HIGH**

Syntax: LTE:FDD:LIMit:CA:INTRa:CONTInue:TAE:HIGH

Parameter/Response:

Description: You can set high Time Alignment Error for Intra continue in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:CA:INTRa:CONTInue:TAE:HIGH 30

#### **LTE:TDD:LIMit:CA:INTRa:CONTInue:TAE:HIGH**

Syntax: LTE:TDD:LIMit:CA:INTRa:CONTInue:TAE:HIGH

Parameter/Response:

Description: You can set high Time Alignment Error for Intra continue in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CA:INTRa:CONTInue:TAE:HIGH 30

#### **LTE:FDD:LIMit:CA:INTRa:NON:TAE:HIGH**

Syntax: LTE:FDD:LIMit:CA:INTRa:NON:TAE:HIGH

Parameter/Response:

Description: You can set high Time Alignment Error for Intra non-continue in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:CA:INTRa:NON:TAE:HIGH 30

#### **LTE:TDD:LIMit:CA:INTRa:NON:TAE:HIGH**

Syntax: LTE:TDD:LIMit:CA:INTRa:NON:TAE:HIGH

Parameter/Response:

Description: You can You can set high Time Alignment Error for Intra non-continue in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CA:INTRa:NON:TAE:HIGH 30

#### **LTE:FDD:LIMit:CHANnel:POWer:HIGH**

Syntax: LTE:FDD:LIMit:CHANnel:POWer:HIGH

Parameter/Response:

Description: You can set high limit of channel power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:CHANnel:POWer:HIGH 32

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#### **LTE:TDD:LIMit:CHANnel:POWer:HIGH**

Syntax: LTE:TDD:LIMit:CHANnel:POWer:HIGH

Parameter/Response:

Description: You can set high limit of channel power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CHANnel:POWer:HIGH 32

#### **LTE:FDD:LIMit:DATA:PEAK:EVM:HIGH**

Syntax: LTE:FDD:LIMit:DATA:PEAK:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM data peak in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DATA:PEAK:EVM:HIGH 8

#### **LTE:TDD:LIMit:DATA:PEAK:EVM:HIGH**

Syntax: LTE:TDD:LIMit:DATA:PEAK:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM data peak in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DATA:PEAK:EVM:HIGH 8

#### **LTE:FDD:LIMit:DATA:RMS:EVM:HIGH**

Syntax: LTE:FDD:LIMit:DATA:RMS:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM data RMS in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DATA:RMS:EVM:HIGH 8

#### **LTE:TDD:LIMit:DATA:RMS:EVM:HIGH**

Syntax: LTE:TDD:LIMit:DATA:RMS:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM data RMS in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DATA:RMS:EVM:HIGH 8

#### **LTE:FDD:LIMit:CHANnel:PDS:EVM:QAM16:HIGH**

Syntax: LTE:FDD:LIMit:CHANnel:PDS:EVM:QAM16:HIGH

Parameter/Response:

Description: You can set high limit of EVM PDSCH QAM16 in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:CHANnel:PDS:EVM:QAM16:HIGH 8

---

#### **LTE:TDD:LIMit:CHANnel:PDS:EVM:QAM16:HIGH**

Syntax: LTE:TDD:LIMit:CHANnel:PDS:EVM:QAM16:HIGH

Parameter/Response:

Description: You can set high limit of EVM PDSCH QAM16 in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CHANnel:PDS:EVM:QAM16:HIGH 8

#### **LTE:FDD:LIMit:CHANnel:PDS:EVM:QAM256:HIGH**

Syntax: LTE:FDD:LIMit:CHANnel:PDS:EVM:QAM256:HIGH

Parameter/Response:

Description: You can set high limit of EVM PDSCH QAM256 in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:CHANnel:PDS:EVM:QAM256:HIGH 8

#### **LTE:TDD:LIMit:CHANnel:PDS:EVM:QAM256:HIGH**

Syntax: LTE:TDD:LIMit:CHANnel:PDS:EVM:QAM256:HIGH

Parameter/Response:

Description: You can set high limit of EVM PDSCH QAM256 in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CHANnel:PDS:EVM:QAM256:HIGH 8

#### **LTE:FDD:LIMit:CHANnel:PDS:EVM:QAM64:HIGH**

Syntax: LTE:FDD:LIMit:CHANnel:PDS:EVM:QAM64:HIGH

Parameter/Response:

Description: You can set high limit of EVM PDSCH QAM64 in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:CHANnel:PDS:EVM:QAM64:HIGH 8

#### **LTE:TDD:LIMit:CHANnel:PDS:EVM:QAM64:HIGH**

Syntax: LTE:TDD:LIMit:CHANnel:PDS:EVM:QAM64:HIGH

Parameter/Response:

Description: You can set high limit of EVM PDSCH QAM64 in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CHANnel:PDS:EVM:QAM64:HIGH 8

#### **LTE:FDD:LIMit:CHANnel:PDS:EVM:QPSK:HIGH**

Syntax: LTE:FDD:LIMit:CHANnel:PDS:EVM:QPSK:HIGH

Parameter/Response:

Description: You can set high limit of EVM PDSCH QPSK in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:CHANnel:PDS:EVM:QPSK:HIGH 8

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#### **LTE:TDD:LIMit:CHANnel:PDS:EVM:QPSK:HIGh**

Syntax: LTE:TDD:LIMit:CHANnel:PDS:EVM:QPSK:HIGh

Parameter/Response:

Description: You can set high limit of EVM PDSCH QPSK in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CHANnel:PDS:EVM:QPSK:HIGh 8

#### **LTE:FDD:LIMit:DATA:PMCH:QAM16:EVM:HIGh**

Syntax: LTE:FDD:LIMit:DATA:PMCH:QAM16:EVM:HIGh

Parameter/Response:

Description: You can set high limit of EVM PMCH QAM16 in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DATA:PMCH:QAM16:EVM:HIGh 8

#### **LTE:TDD:LIMit:DATA:PMCH:QAM16:EVM:HIGh**

Syntax: LTE:TDD:LIMit:DATA:PMCH:QAM16:EVM:HIGh

Parameter/Response:

Description: You can set high limit of EVM PMCH QAM16 in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DATA:PMCH:QAM16:EVM:HIGh 8

#### **LTE:FDD:LIMit:DATA:PMCH:QAM256:EVM:HIGh**

Syntax: LTE:FDD:LIMit:DATA:PMCH:QAM256:EVM:HIGh

Parameter/Response:

Description: You can set high limit of EVM PMCH QAM256 in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DATA:PMCH:QAM256:EVM:HIGh 8

#### **LTE:TDD:LIMit:DATA:PMCH:QAM256:EVM:HIGh**

Syntax: LTE:TDD:LIMit:DATA:PMCH:QAM256:EVM:HIGh

Parameter/Response:

Description: You can set high limit of EVM PMCH QAM256 in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DATA:PMCH:QAM256:EVM:HIGh 8

#### **LTE:FDD:LIMit:DATA:PMCH:QAM64:EVM:HIGh**

Syntax: LTE:FDD:LIMit:DATA:PMCH:QAM64:EVM:HIGh

Parameter/Response:

Description: You can set high limit of EVM PMCH QAM64 in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DATA:PMCH:QAM64:EVM:HIGh 8

---

#### **LTE:TDD:LIMit:DATA:PMCH:QAM64:EVM:HIGH**

Syntax: LTE:TDD:LIMit:DATA:PMCH:QAM64:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM PMCH QAM64 in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DATA:PMCH:QAM64:EVM:HIGH 8

#### **LTE:FDD:LIMit:DATA:PMCH:QPSK:EVM:HIGH**

Syntax: LTE:FDD:LIMit:DATA:PMCH:QPSK:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM PMCH QPSK in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DATA:PMCH:QPSK:EVM:HIGH 8

#### **LTE:TDD:LIMit:DATA:PMCH:QPSK:EVM:HIGH**

Syntax: LTE:TDD:LIMit:DATA:PMCH:QPSK:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM PMCH QPSK in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DATA:PMCH:QPSK:EVM:HIGH 8

#### **LTE:FDD:LIMit:DATA:PSS:EVM:HIGH**

Syntax: LTE:FDD:LIMit:DATA:PSS:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM PSS in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DATA:PSS:EVM:HIGH 8

#### **LTE:TDD:LIMit:DATA:PSS:EVM:HIGH**

Syntax: LTE:TDD:LIMit:DATA:PSS:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM PSS in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DATA:PSS:EVM:HIGH 8

#### **LTE:FDD:LIMit:RS0:EVM:HIGH**

Syntax: LTE:FDD:LIMit:RS0:EVM:HIGH

Parameter/Response:

Description: You can set high limit of EVM RS0 in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:RS0:EVM:HIGH 30

#### **LTE:TDD:LIMit:RS0:EVM:HIGH**

Syntax: LTE:TDD:LIMit:RS0:EVM:HIGH

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Parameter/Response:

Description: You can set high limit of EVM RS0 in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:RS0:EVM:HIGH 30`

#### **LTE:FDD:LIMit:RS1:EVM:HIGH**

Syntax: `LTE:FDD:LIMit:RS1:EVM:HIGH`

Parameter/Response:

Description: You can set high limit of EVM RS1 in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:RS1:EVM:HIGH 30`

#### **LTE:TDD:LIMit:RS1:EVM:HIGH**

Syntax: `LTE:TDD:LIMit:RS1:EVM:HIGH`

Parameter/Response:

Description: You can set high limit of EVM RS1 in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:RS1:EVM:HIGH 30`

#### **LTE:FDD:LIMit:RS2:EVM:HIGH**

Syntax: `LTE:FDD:LIMit:RS2:EVM:HIGH`

Parameter/Response:

Description: You can set high limit of EVM RS2 in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:RS2:EVM:HIGH 30`

#### **LTE:TDD:LIMit:RS2:EVM:HIGH**

Syntax: `LTE:TDD:LIMit:RS2:EVM:HIGH`

Parameter/Response:

Description: You can set high limit of EVM RS2 in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:RS2:EVM:HIGH 30`

#### **LTE:FDD:LIMit:RS3:EVM:HIGH**

Syntax: `LTE:FDD:LIMit:RS3:EVM:HIGH`

Parameter/Response:

Description: You can set high limit of EVM RS3 in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:RS3:EVM:HIGH 30`

#### **LTE:TDD:LIMit:RS3:EVM:HIGH**

Syntax: `LTE:TDD:LIMit:RS3:EVM:HIGH`

Parameter/Response:

Description: You can set high limit of EVM RS3 in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:RS3:EVM:HIGH 30`

#### **LTE:FDD:LIMit:DATA:RS:EVM:HIGH**

Syntax: `LTE:FDD:LIMit:DATA:RS:EVM:HIGH`

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Parameter/Response:

Description: You can set high limit of EVM RS in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:DATA:RS:EVM:HIGH 8`

#### **LTE:TDD:LIMit:DATA:RS:EVM:HIGH**

Syntax: `LTE:TDD:LIMit:DATA:RS:EVM:HIGH`

Parameter/Response:

Description: You can set high limit of EVM RS in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:DATA:RS:EVM:HIGH 8`

#### **LTE:FDD:LIMit:DATA:SSS:EVM:HIGH**

Syntax: `LTE:FDD:LIMit:DATA:SSS:EVM:HIGH`

Parameter/Response:

Description: You can set high limit of EVM SSS in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:DATA:SSS:EVM:HIGH 8`

#### **LTE:TDD:LIMit:DATA:SSS:EVM:HIGH**

Syntax: `LTE:TDD:LIMit:DATA:SSS:EVM:HIGH`

Parameter/Response:

Description: You can set high limit of EVM SSS in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:DATA:SSS:EVM:HIGH 8`

#### **LTE:FDD:LIMit:FREQuency:ERRor:HIGH**

Syntax: `LTE:FDD:LIMit:FREQuency:ERRor:HIGH`

Parameter/Response:

Description: You can set high limit of Frequency Error in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:FREQuency:ERRor:HIGH 0.001`

#### **LTE:TDD:LIMit:FREQuency:ERRor:HIGH**

Syntax: `LTE:TDD:LIMit:FREQuency:ERRor:HIGH`

Parameter/Response:

Description: You can set high limit of Frequency Error in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:FREQuency:ERRor:HIGH 0.001`

#### **LTE:FDD:LIMit:IQ:ORIGin:OFFSet:HIGH**

Syntax: `LTE:FDD:LIMit:IQ:ORIGin:OFFSet:HIGH`

Parameter/Response:

Description: You can set high limit of IQ Origin Offset in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:IQ:ORIGin:OFFSet:HIGH 30`



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#### **LTE:TDD:LIMit:IQ:ORIGin:OFFSet:HIGH**

Syntax: LTE:TDD:LIMit:IQ:ORIGin:OFFSet:HIGH

Parameter/Response:

Description: You can set high limit of IQ Origin Offset in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:IQ:ORIGin:OFFSet:HIGH 30

#### **LTE:FDD:LIMit:OCCupied:BW:HIGH**

Syntax: LTE:FDD:LIMit:OCCupied:BW:HIGH

Parameter/Response:

Description: You can set high limit of Occupied Bandwidth in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:OCCupied:BW:HIGH 32

#### **LTE:TDD:LIMit:OCCupied:BW:HIGH**

Syntax: LTE:TDD:LIMit:OCCupied:BW:HIGH

Parameter/Response:

Description: You can set high limit of Occupied Bandwidth in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:OCCupied:BW:HIGH 32

#### **LTE:FDD:LIMit:OFF:POWer:HIGH**

Syntax: LTE:FDD:LIMit:OFF:POWer:HIGH

Parameter/Response:

Description: You can set high limit of Off Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:OFF:POWer:HIGH 32

#### **LTE:TDD:LIMit:OFF:POWer:HIGH**

Syntax: LTE:TDD:LIMit:OFF:POWer:HIGH

Parameter/Response:

Description: You can set high limit of Off Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:OFF:POWer:HIGH 32

#### **LTE:FDD:LIMit:DL:RS:POWer:HIGH**

Syntax: LTE:FDD:LIMit:DL:RS:POWer:HIGH

Parameter/Response:

Description: You can set high limit of Downlink RS power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DL:RS:POWer:HIGH 8

---

#### **LTE:TDD:LIMit:DL:RS:POWer:HIGH**

Syntax: LTE:TDD:LIMit:DL:RS:POWer:HIGH

Parameter/Response:

Description: You can set high limit of Downlink RS power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DL:RS:POWer:HIGH 8

#### **LTE:FDD:LIMit:FRAMe:AVERage:POWer:HIGH**

Syntax: LTE:FDD:LIMit:FRAMe:AVERage:POWer:HIGH

Parameter/Response:

Description: You can set high limit of frame average power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:FRAMe:AVERage:POWer:HIGH -30

#### **LTE:TDD:LIMit:FRAMe:AVERage:POWer:HIGH**

Syntax: LTE:TDD:LIMit:FRAMe:AVERage:POWer:HIGH

Parameter/Response:

Description: You can set high limit of frame average power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:FRAMe:AVERage:POWer:HIGH -30

#### **LTE:FDD:LIMit:OFDM:POWer:HIGH**

Syntax: LTE:FDD:LIMit:OFDM:POWer:HIGH

Parameter/Response:

Description: You can set high limit of OFDM power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:OFDM:POWer:HIGH -30

#### **LTE:TDD:LIMit:OFDM:POWer:HIGH**

Syntax: LTE:TDD:LIMit:OFDM:POWer:HIGH

Parameter/Response:

Description: You can set high limit of OFDM power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:OFDM:POWer:HIGH -30

#### **LTE:FDD:LIMit:PBCH:ABSolute:POWer:HIGH**

Syntax: LTE:FDD:LIMit:PBCH:ABSolute:POWer:HIGH

Parameter/Response:

Description: You can set high limit of PBCH absolute power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:PBCH:ABSolute:POWer:HIGH -30

---

#### **LTE:TDD:LIMit:PBCH:ABSolute:POWer:HIGH**

Syntax: LTE:TDD:LIMit:PBCH:ABSolute:POWer:HIGH

Parameter/Response:

Description: You can set high limit of PBCH absolute power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:PBCH:ABSolute:POWer:HIGH -30

#### **LTE:FDD:LIMit:PBCH:RELative:POWer:HIGH**

Syntax: LTE:FDD:LIMit:PBCH:RELative:POWer:HIGH

Parameter/Response:

Description: You can set high limit of PBCH relative power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:PBCH:RELative:POWer:HIGH -30

#### **LTE:TDD:LIMit:PBCH:RELative:POWer:HIGH**

Syntax: LTE:TDD:LIMit:PBCH:RELative:POWer:HIGH

Parameter/Response:

Description: You can set high limit of PBCH relative power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:PBCH:RELative:POWer:HIGH -30

#### **LTE:FDD:LIMit:PSS:ABSolute:POWer:HIGH**

Syntax: LTE:FDD:LIMit:PSS:ABSolute:POWer:HIGH

Parameter/Response:

Description: You can set high limit of PSS absolute power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:PSS:ABSolute:POWer:HIGH -30

#### **LTE:TDD:LIMit:PSS:ABSolute:POWer:HIGH**

Syntax: LTE:TDD:LIMit:PSS:ABSolute:POWer:HIGH

Parameter/Response:

Description: You can set high limit of PSS absolute power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:PSS:ABSolute:POWer:HIGH -30

#### **LTE:FDD:LIMit:PSS:RELative:POWer:HIGH**

Syntax: LTE:FDD:LIMit:PSS:RELative:POWer:HIGH

Parameter/Response:

Description: You can set high limit of PSS relative power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:PSS:RELative:POWer:HIGH -30

---

#### **LTE:TDD:LIMit:PSS:RELative:POWer:HIGH**

Syntax: LTE:TDD:LIMit:PSS:RELative:POWer:HIGH

Parameter/Response:

Description: You can set high limit of PSS relative power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:PSS:RELative:POWer:HIGH -30

#### **LTE:FDD:LIMit:SSS:ABSolute:POWer:HIGH**

Syntax: LTE:FDD:LIMit:SSS:ABSolute:POWer:HIGH

Parameter/Response:

Description: You can set high limit of SSS absolute power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:SSS:ABSolute:POWer:HIGH -30

#### **LTE:TDD:LIMit:SSS:ABSolute:POWer:HIGH**

Syntax: LTE:TDD:LIMit:SSS:ABSolute:POWer:HIGH

Parameter/Response:

Description: You can set high limit of SSS absolute power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:SSS:ABSolute:POWer:HIGH -30

#### **LTE:FDD:LIMit:SSS:RELative:POWer:HIGH**

Syntax: LTE:FDD:LIMit:SSS:RELative:POWer:HIGH

Parameter/Response:

Description: You can set high limit of SSS relative power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:SSS:RELative:POWer:HIGH -30

#### **LTE:TDD:LIMit:SSS:RELative:POWer:HIGH**

Syntax: LTE:TDD:LIMit:SSS:RELative:POWer:HIGH

Parameter/Response:

Description: You can set high limit of SSS relative power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:SSS:RELative:POWer:HIGH -30

#### **LTE:FDD:LIMit:SUBFrame:POWer:HIGH**

Syntax: LTE:FDD:LIMit:SUBFrame:POWer:HIGH

Parameter/Response:

Description: You can set high limit of Subframe power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:SUBFrame:POWer:HIGH -30

---

#### **LTE:TDD:LIMit:SUBFrame:POWer:HIGH**

Syntax: LTE:TDD:LIMit:SUBFrame:POWer:HIGH

Parameter/Response:

Description: You can set high limit of Subframe power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:SUBFrame:POWer:HIGH -30

#### **LTE:FDD:LIMit:SLOT:AVERAge:POWer:HIGH**

Syntax: LTE:FDD:LIMit:SLOT:AVERAge:POWer:HIGH

Parameter/Response:

Description: You can set high limit of Slot average power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:SLOT:AVERAge:POWer:HIGH 32

#### **LTE:TDD:LIMit:SLOT:AVERAge:POWer:HIGH**

Syntax: LTE:TDD:LIMit:SLOT:AVERAge:POWer:HIGH

Parameter/Response:

Description: You can set high limit of Slot average power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:SLOT:AVERAge:POWer:HIGH 32

#### **LTE:FDD:LIMit:MIMO:TAE:HIGH**

Syntax: LTE:FDD:LIMit:MIMO:TAE:HIGH

Parameter/Response:

Description: You can set high limit of Time Alignment Error for MIMO in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:MIMO:TAE:HIGH 30

#### **LTE:TDD:LIMit:MIMO:TAE:HIGH**

Syntax: LTE:TDD:LIMit:MIMO:TAE:HIGH

Parameter/Response:

Description: You can set high limit of Time Alignment Error for MIMO in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:MIMO:TAE:HIGH 30

#### **LTE:FDD:LIMit:TIME:ERRor:HIGH**

Syntax: LTE:FDD:LIMit:TIME:ERRor:HIGH

Parameter/Response:

Description: You can set high limit of Time Error in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:TIME:ERRor:HIGH 30

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#### **LTE:TDD:LIMit:TIME:ERRor:HIGH**

Syntax: LTE:TDD:LIMit:TIME:ERRor:HIGH

Parameter/Response:

Description: You can set high limit of Time Error in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:TIME:ERRor:HIGH 30

#### **LTE:FDD:LIMit:TRANSition:PERiod:HIGH**

Syntax: LTE:FDD:LIMit:TRANSition:PERiod:HIGH

Parameter/Response:

Description: You can set high limit of Transition Period in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:TRANSition:PERiod:HIGH 16

#### **LTE:TDD:LIMit:TRANSition:PERiod:HIGH**

Syntax: LTE:TDD:LIMit:TRANSition:PERiod:HIGH

Parameter/Response:

Description: You can set high limit of Transition Period in LTE TDD Signal Analyzer

Example: LTE:FDD:LIMit:TRANSition:PERiod:HIGH 16

#### **LTE:FDD:HOLD:EVENT**

Syntax: LTE:FDD:HOLD:EVENT

Parameter/Response:

Description: You can set On or Off for Event Hold in LTE FDD Signal Analyzer

Example: LTE:FDD:HOLD:EVENT Off

#### **LTE:TDD:HOLD:EVENT**

Syntax: LTE:TDD:HOLD:EVENT

Parameter/Response:

Description: You can set On or Off for Event Hold in LTE TDD Signal Analyzer

Example: LTE:TDD:HOLD:EVENT Off

#### **LTE:FDD:HOLD**

Syntax: LTE:FDD:HOLD

Parameter/Response:

Description: You can Hold measurment in LTE FDD Signal Analyzer

Example: LTE:FDD:HOLD On

#### **LTE:TDD:HOLD**

Syntax: LTE:TDD:HOLD

Parameter/Response:

---

Description: You can Hold measurement in LTE TDD Signal Analyzer

Example: `LTE:TDD:HOLD On`

#### **LTE:FDD:TRACe:HOLD:TIME**

Syntax: `LTE:FDD:TRACe:HOLD:TIME`

Parameter/Response:

Description: You can set Hold Time for max/min Trace in LTE FDD Signal Analyzer

Example: `LTE:FDD:TRACe:HOLD:TIME 6`

#### **LTE:TDD:TRACe:HOLD:TIME**

Syntax: `LTE:TDD:TRACe:HOLD:TIME`

Parameter/Response:

Description: You can set Hold Time for max/min Trace in LTE TDD Signal Analyzer

Example: `LTE:TDD:TRACe:HOLD:TIME 6`

#### **LTE:FDD:MAP:INDeX:PSS:POWeR:EXCellent**

Syntax: `LTE:FDD:MAP:INDeX:PSS:POWeR:EXCellent`

Parameter/Response:

Description: You can set Excellent Index for PSS Channel Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDeX:PSS:POWeR:Excellent -25`

#### **LTE:TDD:MAP:INDeX:PSS:POWeR:EXCellent**

Syntax: `LTE:TDD:MAP:INDeX:PSS:POWeR:EXCellent`

Parameter/Response:

Description: You can set Excellent Index for PSS Channel Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDeX:PSS:POWeR:Excellent -25`

#### **LTE:FDD:MAP:INDeX:PSS:POWeR:FAIR**

Syntax: `LTE:FDD:MAP:INDeX:PSS:POWeR:FAIR`

Parameter/Response:

Description: You can set Fair Index for PSS Channel Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDeX:PSS:POWeR:FAIR -25`

#### **LTE:TDD:MAP:INDeX:PSS:POWeR:FAIR**

Syntax: `LTE:TDD:MAP:INDeX:PSS:POWeR:FAIR`

Parameter/Response:

Description: You can set Fair Index for PSS Channel Power in LTE TDD Signal Analyzer

---

Example: `LTE:TDD:MAP:INDeX:PSS:POWeR:FAIR -25`

#### **LTE:FDD:MAP:INDeX:PSS:POWeR:GOOD**

Syntax: `LTE:FDD:MAP:INDeX:PSS:POWeR:GOOD`

Parameter/Response:

Description: You can set Good Index for PSS Channel Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDeX:PSS:POWeR:GOOD -25`

#### **LTE:TDD:MAP:INDeX:PSS:POWeR:GOOD**

Syntax: `LTE:TDD:MAP:INDeX:PSS:POWeR:GOOD`

Parameter/Response:

Description: You can set Good Index for PSS Channel Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDeX:PSS:POWeR:GOOD -25`

#### **LTE:FDD:MAP:INDeX:PSS:POWeR:POOR**

Syntax: `LTE:FDD:MAP:INDeX:PSS:POWeR:POOR`

Parameter/Response:

Description: You can set Poor Index for PSS Channel Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDeX:PSS:POWeR:POOR -25`

#### **LTE:TDD:MAP:INDeX:PSS:POWeR:POOR**

Syntax: `LTE:TDD:MAP:INDeX:PSS:POWeR:POOR`

Parameter/Response:

Description: You can set Poor Index for PSS Channel Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDeX:PSS:POWeR:POOR -25`

#### **LTE:FDD:MAP:INDeX:PSS:POWeR:VERY**

Syntax: `LTE:FDD:MAP:INDeX:PSS:POWeR:VERY`

Parameter/Response:

Description: You can set Very Index for PSS Channel Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDeX:PSS:POWeR:VERY -25`

#### **LTE:TDD:MAP:INDeX:PSS:POWeR:VERY**

Syntax: `LTE:TDD:MAP:INDeX:PSS:POWeR:VERY`

Parameter/Response:

Description: You can set Very Index for PSS Channel Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDeX:PSS:POWeR:VERY -25`



---

#### **LTE:FDD:MAP:INDEX:RSRP:EXcellent**

Syntax: LTE:FDD:MAP:INDEX:RSRP:EXcellent

Parameter/Response:

Description: You can set Excellent Index for RSRP in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDEX:RSRP:excellent -25`

#### **LTE:TDD:MAP:INDEX:RSRP:EXEcellent**

Syntax: LTE:TDD:MAP:INDEX:RSRP:EXcellent

Parameter/Response:

Description: You can set Excellent Index for RSRP in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDEX:RSRP:excellent -25`

#### **LTE:FDD:MAP:INDEX:RSRP:FAIR**

Syntax: LTE:FDD:MAP:INDEX:RSRP:FAIR

Parameter/Response:

Description: You can set Fair Index for RSRP in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDEX:RSRP:FAIR -25`

#### **LTE:TDD:MAP:INDEX:RSRP:FAIR**

Syntax: LTE:TDD:MAP:INDEX:RSRP:FAIR

Parameter/Response:

Description: You can set Fair Index for RSRP in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDEX:RSRP:FAIR -25`

#### **LTE:FDD:MAP:INDEX:RSRP:GOOD**

Syntax: LTE:FDD:MAP:INDEX:RSRP:GOOD

Parameter/Response:

Description: You can set Good Index for RSRP in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDEX:RSRP:GOOD -25`

#### **LTE:TDD:MAP:INDEX:RSRP:GOOD**

Syntax: LTE:TDD:MAP:INDEX:RSRP:GOOD

Parameter/Response:

Description: You can set Good Index for RSRP in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDEX:RSRP:GOOD -25`

#### **LTE:FDD:MAP:INDEX:RSRP:POOR**

Syntax: LTE:FDD:MAP:INDEX:RSRP:POOR

Parameter/Response:

Description: You can set Poor Index for RSRP in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDEX:RSRP:POOR -25`

---

#### **LTE:TDD:MAP:INDEX:RSRP:POOR**

Syntax: LTE:TDD:MAP:INDEX:RSRP:POOR

Parameter/Response:

Description: You can set Poor Index for RSRP in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:RSRP:POOR -25

#### **LTE:FDD:MAP:INDEX:RSRP:VERY**

Syntax: LTE:FDD:MAP:INDEX:RSRP:VERY

Parameter/Response:

Description: You can set Very Index for RSRP in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:RSRP:VERY -25

#### **LTE:TDD:MAP:INDEX:RSRP:VERY**

Syntax: LTE:TDD:MAP:INDEX:RSRP:VERY

Parameter/Response:

Description: You can set Very Index for RSRP in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:RSRP:VERY -25

#### **LTE:FDD:MAP:INDEX:RSRQ:FAIR**

Syntax: LTE:FDD:MAP:INDEX:RSRQ:FAIR

Parameter/Response:

Description: You can set Fair Index for RSRQ in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:RSRQ:FAIR -25

#### **LTE:TDD:MAP:INDEX:RSRQ:FAIR**

Syntax: LTE:TDD:MAP:INDEX:RSRQ:FAIR

Parameter/Response:

Description: You can set Fair Index for RSRQ in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:RSRQ:FAIR -25

#### **LTE:FDD:MAP:INDEX:RSRQ:GOOD**

Syntax: LTE:FDD:MAP:INDEX:RSRQ:GOOD

Parameter/Response:

Description: You can set Good Index for RSRQ in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:RSRQ:GOOD -25

#### **LTE:TDD:MAP:INDEX:RSRQ:GOOD**

Syntax: LTE:TDD:MAP:INDEX:RSRQ:GOOD

Parameter/Response:

Description: You can set Good Index for RSRQ in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:RSRQ:GOOD -25

---

#### **LTE:FDD:MAP:INDEX:RSRQ:POOR**

Syntax: LTE:FDD:MAP:INDEX:RSRQ:POOR

Parameter/Response:

Description: You can set Poor Index for RSRQ in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:RSRQ:POOR -25

#### **LTE:TDD:MAP:INDEX:RSRQ:POOR**

Syntax: LTE:TDD:MAP:INDEX:RSRQ:POOR

Parameter/Response:

Description: You can set Poor Index for RSRQ in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:RSRQ:POOR -25

#### **LTE:FDD:MAP:INDEX:RS:SINR:FAIR**

Syntax: LTE:FDD:MAP:INDEX:RS:SINR:FAIR

Parameter/Response:

Description: You can set Fair Index for RS-SINR in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:RS:SINR:FAIR -25

#### **LTE:TDD:MAP:INDEX:RS:SINR:FAIR**

Syntax: LTE:TDD:MAP:INDEX:RS:SINR:FAIR

Parameter/Response:

Description: You can set Fair Index for RS-SINR in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:RS:SINR:FAIR -25

#### **LTE:FDD:MAP:INDEX:RS:SINR:GOOD**

Syntax: LTE:FDD:MAP:INDEX:RS:SINR:GOOD

Parameter/Response:

Description: You can set Good Index for RS-SINR in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:RS:SINR:GOOD -25

#### **LTE:TDD:MAP:INDEX:RS:SINR:GOOD**

Syntax: LTE:TDD:MAP:INDEX:RS:SINR:GOOD

Parameter/Response:

Description: You can set Good Index for RS-SINR in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:RS:SINR:GOOD -25

#### **LTE:FDD:MAP:INDEX:RS:SINR:POOR**

Syntax: LTE:FDD:MAP:INDEX:RS:SINR:POOR

Parameter/Response:

Description: You can set Poor Index for RS-SINR in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:RS:SINR:POOR -25

---

#### **LTE:TDD:MAP:INDEX:RS:SINR:POOR**

Syntax: LTE:TDD:MAP:INDEX:RS:SINR:POOR

Parameter/Response:

Description: You can set Poor Index for RS-SINR in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:RS:SINR:POOR -25

#### **LTE:FDD:MAP:INDEX:SSS:ECIO:FAIR**

Syntax: LTE:FDD:MAP:INDEX:SSS:ECIO:FAIR

Parameter/Response:

Description: You can set Fair Index for SSS Ec/Io in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:ECIO:FAIR -25

#### **LTE:TDD:MAP:INDEX:SSS:ECIO:FAIR**

Syntax: LTE:TDD:MAP:INDEX:SSS:ECIO:FAIR

Parameter/Response:

Description: You can set Fair Index for SSS Ec/Io in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:ECIO:FAIR -25

#### **LTE:FDD:MAP:INDEX:SSS:ECIO:GOOD**

Syntax: LTE:FDD:MAP:INDEX:SSS:ECIO:GOOD

Parameter/Response:

Description: You can set Good Index for SSS Ec/Io in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:ECIO:GOOD -25

#### **LTE:TDD:MAP:INDEX:SSS:ECIO:GOOD**

Syntax: LTE:TDD:MAP:INDEX:SSS:ECIO:GOOD

Parameter/Response:

Description: You can set Good Index for SSS Ec/Io in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:ECIO:GOOD -25

#### **LTE:FDD:MAP:INDEX:SSS:ECIO:POOR**

Syntax: LTE:FDD:MAP:INDEX:SSS:ECIO:POOR

Parameter/Response:

Description: You can Poor Index for SSS Ec/Io in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:ECIO:POOR -25

#### **LTE:TDD:MAP:INDEX:SSS:ECIO:POOR**

Syntax: LTE:TDD:MAP:INDEX:SSS:ECIO:POOR

Parameter/Response:

Description: You can Poor Index for SSS Ec/Io in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:ECIO:POOR -25

---

#### **LTE:FDD:MAP:INDEX:SSS:POWER:EXcellent**

Syntax: LTE:FDD:MAP:INDEX:SSS:POWER:EXcellent

Parameter/Response:

Description: You can set Excellent Index for SSS Channel Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDEX:SSS:POWER:excellent -25`

#### **LTE:TDD:MAP:INDEX:SSS:POWER:EXEcellent**

Syntax: LTE:TDD:MAP:INDEX:SSS:POWER:EXEcellent

Parameter/Response:

Description: You can set Excellent Index for SSS Channel Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDEX:SSS:POWER:excellent -25`

#### **LTE:FDD:MAP:INDEX:SSS:POWER:FAIR**

Syntax: LTE:FDD:MAP:INDEX:SSS:POWER:FAIR

Parameter/Response:

Description: You can set Fair Index for SSS Channel Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDEX:SSS:POWER:FAIR -25`

#### **LTE:TDD:MAP:INDEX:SSS:POWER:FAIR**

Syntax: LTE:TDD:MAP:INDEX:SSS:POWER:FAIR

Parameter/Response:

Description: You can set Fair Index for SSS Channel Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDEX:SSS:POWER:FAIR -25`

#### **LTE:FDD:MAP:INDEX:SSS:POWER:GOOD**

Syntax: LTE:FDD:MAP:INDEX:SSS:POWER:GOOD

Parameter/Response:

Description: You can set Good Index for SSS Channel Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:INDEX:SSS:POWER:GOOD -25`

#### **LTE:TDD:MAP:INDEX:SSS:POWER:GOOD**

Syntax: LTE:TDD:MAP:INDEX:SSS:POWER:GOOD

Parameter/Response:

Description: You can set Good Index for SSS Channel Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:INDEX:SSS:POWER:GOOD -25`

---

#### **LTE:FDD:MAP:INDEX:SSS:POWER:POOR**

Syntax: LTE:FDD:MAP:INDEX:SSS:POWER:POOR

Parameter/Response:

Description: You can set Poor Index for SSS Channel Power in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:POWER:POOR -25

#### **LTE:TDD:MAP:INDEX:SSS:POWER:POOR**

Syntax: LTE:TDD:MAP:INDEX:SSS:POWER:POOR

Parameter/Response:

Description: You can set Poor Index for SSS Channel Power in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:POWER:POOR -25

#### **LTE:FDD:MAP:INDEX:SSS:POWER:VERY**

Syntax: LTE:FDD:MAP:INDEX:SSS:POWER:VERY

Parameter/Response:

Description: You can set Very Index for SSS Channel Power in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:POWER:VERY -25

#### **LTE:TDD:MAP:INDEX:SSS:POWER:VERY**

Syntax: LTE:TDD:MAP:INDEX:SSS:POWER:VERY

Parameter/Response:

Description: You can set Very Index for SSS Channel Power in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:POWER:VERY -25

#### **LTE:FDD:MAP:INDEX:SSS:RSSI:EXCellent**

Syntax: LTE:FDD:MAP:INDEX:SSS:RSSI:EXCellent

Parameter/Response:

Description: You can set Excellent Index for SSS RSSI in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:RSSI:EXCellent -25

#### **LTE:TDD:MAP:INDEX:SSS:RSSI:EXCellent**

Syntax: LTE:TDD:MAP:INDEX:SSS:RSSI:EXCellent

Parameter/Response:

Description: You can set Excellent Index for SSS RSSI in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:RSSI:EXCellent -25

---

#### **LTE:FDD:MAP:INDEX:SSS:RSSI:FAIR**

Syntax: LTE:FDD:MAP:INDEX:SSS:RSSI:FAIR

Parameter/Response:

Description: You can set Fair Index for SSS RSSI in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:RSSI:FAIR -25

#### **LTE:TDD:MAP:INDEX:SSS:RSSI:FAIR**

Syntax: LTE:TDD:MAP:INDEX:SSS:RSSI:FAIR

Parameter/Response:

Description: You can set Fair Index for SSS RSSI in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:RSSI:FAIR -25

#### **LTE:FDD:MAP:INDEX:SSS:RSSI:GOOD**

Syntax: LTE:FDD:MAP:INDEX:SSS:RSSI:GOOD

Parameter/Response:

Description: You can set Good Index for SSS RSSI in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:RSSI:GOOD -25

#### **LTE:TDD:MAP:INDEX:SSS:RSSI:GOOD**

Syntax: LTE:TDD:MAP:INDEX:SSS:RSSI:GOOD

Parameter/Response:

Description: You can set Good Index for SSS RSSI in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:RSSI:GOOD -25

#### **LTE:FDD:MAP:INDEX:SSS:RSSI:POOR**

Syntax: LTE:FDD:MAP:INDEX:SSS:RSSI:POOR

Parameter/Response:

Description: You can set Poor Index for SSS RSSI in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:RSSI:POOR -25

#### **LTE:TDD:MAP:INDEX:SSS:RSSI:POOR**

Syntax: LTE:TDD:MAP:INDEX:SSS:RSSI:POOR

Parameter/Response:

Description: You can set Poor Index for SSS RSSI in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:RSSI:POOR -25

#### **LTE:FDD:MAP:INDEX:SSS:RSSI:VERY**

Syntax: LTE:FDD:MAP:INDEX:SSS:RSSI:VERY

Parameter/Response:

Description: You can set Very Index for SSS RSSI in LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:INDEX:SSS:RSSI:VERY -25

---

#### **LTE:TDD:MAP:INDEX:SSS:RSSI:VERY**

Syntax: LTE:TDD:MAP:INDEX:SSS:RSSI:VERY

Parameter/Response:

Description: You can set Very Index for SSS RSSI in LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:INDEX:SSS:RSSI:VERY -25

#### **LTE:FDD:MAP:PLOT:ITEM**

Syntax: LTE:FDD:MAP:PLOT:ITEM

Parameter/Response:

Description: You can set Plot Item in OTA Route Map measurement of LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:PLOT:ITEM RSRP

#### **LTE:TDD:MAP:PLOT:ITEM**

Syntax: LTE:TDD:MAP:PLOT:ITEM

Parameter/Response:

Description: You can set Plot Item in OTA Route Map measurement of LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:PLOT:ITEM RSRP

#### **LTE:FDD:CCDF:LENGTH**

Syntax: LTE:FDD:CCDF:LENGTH

Parameter/Response:

Description: You can set CCDF length in CCDF measurement of LTE FDD Signal Analyzer

Example: LTE:FDD:CCDF:LENGTH 100

#### **LTE:TDD:CCDF:LENGTH**

Syntax: LTE:TDD:CCDF:LENGTH

Parameter/Response:

Description: You can set CCDF length in CCDF measurement of LTE TDD Signal Analyzer

Example: LTE:TDD:CCDF:LENGTH 100

#### **LTE:FDD:LIMIT:CHANNEL:POWER:LOW**

Syntax: LTE:FDD:LIMIT:CHANNEL:POWER:LOW

Parameter/Response:

Description: You can set low limit of Channel Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMIT:CHANNEL:POWER:LOW 30



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#### **LTE:TDD:LIMit:CHANnel:POWer:LOW**

Syntax: LTE:TDD:LIMit:CHANnel:POWer:LOW

Parameter/Response:

Description: You can set low limit of Channel Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CHANnel:POWer:LOW 30

#### **LTE:FDD:LIMit:FREQuency:ERRor:LOW**

Syntax: LTE:FDD:LIMit:FREQuency:ERRor:LOW

Parameter/Response:

Description: You can set low limit of Frequency Error in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:FREQuency:ERRor:LOW 30

#### **LTE:TDD:LIMit:FREQuency:ERRor:LOW**

Syntax: LTE:TDD:LIMit:FREQuency:ERRor:LOW

Parameter/Response:

Description: You can set low limit of Frequency Error in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:FREQuency:ERRor:LOW 30

#### **LTE:FDD:LIMit:DL:RS:POWer:LOW**

Syntax: LTE:FDD:LIMit:DL:RS:POWer:LOW

Parameter/Response:

Description: You can set low limit of Downlink RS power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DL:RS:POWer:LOW 30

#### **LTE:TDD:LIMit:DL:RS:POWer:LOW**

Syntax: LTE:TDD:LIMit:DL:RS:POWer:LOW

Parameter/Response:

Description: You can set low limit of Downlink RS power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DL:RS:POWer:LOW 30

#### **LTE:FDD:LIMit:FRAMe:AVERage:POWer:LOW**

Syntax: LTE:FDD:LIMit:FRAMe:AVERage:POWer:LOW

Parameter/Response:

Description: You can set low limit of Frame Average Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:FRAMe:AVERage:POWer:LOW 30

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#### **LTE:TDD:LIMit:FRAMe:AVERage:POWer:LOW**

Syntax: LTE:TDD:LIMit:FRAMe:AVERage:POWer:LOW

Parameter/Response:

Description: You can set low limit of Frame Average Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:FRAMe:AVERage:POWer:LOW 30

#### **LTE:FDD:LIMit:OFDM:POWer:LOW**

Syntax: LTE:FDD:LIMit:OFDM:POWer:LOW

Parameter/Response:

Description: You can set low limit of OFDM Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:OFDM:POWer:LOW 30

#### **LTE:TDD:LIMit:OFDM:POWer:LOW**

Syntax: LTE:TDD:LIMit:OFDM:POWer:LOW

Parameter/Response:

Description: You can set low limit of OFDM Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:OFDM:POWer:LOW 30

#### **LTE:FDD:LIMit:PBCH:ABSolute:POWer:LOW**

Syntax: LTE:FDD:LIMit:PBCH:ABSolute:POWer:LOW

Parameter/Response:

Description: You can set low limit of PBCH Absolute Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:PBCH:ABSolute:POWer:LOW 30

#### **LTE:TDD:LIMit:PBCH:ABSolute:POWer:LOW**

Syntax: LTE:TDD:LIMit:PBCH:ABSolute:POWer:LOW

Parameter/Response:

Description: You can set low limit of PBCH Absolute Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:PBCH:ABSolute:POWer:LOW 30

#### **LTE:FDD:LIMit:PBCH:RELative:POWer:LOW**

Syntax: LTE:FDD:LIMit:PBCH:RELative:POWer:LOW

Parameter/Response:

Description: You can set low limit of PBCH Relative Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:PBCH:RELative:POWer:LOW 30

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#### **LTE:TDD:LIMit:PBCH:RELative:POWer:LOW**

Syntax: LTE:TDD:LIMit:PBCH:RELative:POWer:LOW

Parameter/Response:

Description: You can set low limit of PBCH Relative Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:PBCH:RELative:POWer:LOW 30

#### **LTE:FDD:LIMit:PSS:ABSolute:POWer:LOW**

Syntax: LTE:FDD:LIMit:PSS:ABSolute:POWer:LOW

Parameter/Response:

Description: You can set low limit of PSS Absolute Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:PSS:ABSolute:POWer:LOW 30

#### **LTE:TDD:LIMit:PSS:ABSolute:POWer:LOW**

Syntax: LTE:TDD:LIMit:PSS:ABSolute:POWer:LOW

Parameter/Response:

Description: You can set low limit of PSS Absolute Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:PSS:ABSolute:POWer:LOW 30

#### **LTE:FDD:LIMit:PSS:RELative:POWer:LOW**

Syntax: LTE:FDD:LIMit:PSS:RELative:POWer:LOW

Parameter/Response:

Description: You can set low limit of PSS Relative Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:PSS:RELative:POWer:LOW 30

#### **LTE:TDD:LIMit:PSS:RELative:POWer:LOW**

Syntax: LTE:TDD:LIMit:PSS:RELative:POWer:LOW

Parameter/Response:

Description: You can set low limit of PSS Relative Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:PSS:RELative:POWer:LOW 30

#### **LTE:FDD:LIMit:SSS:ABSolute:POWer:LOW**

Syntax: LTE:FDD:LIMit:SSS:ABSolute:POWer:LOW

Parameter/Response:

Description: You can set low limit of SSS Absolute Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:SSS:ABSolute:POWer:LOW 30

---

#### **LTE:TDD:LIMit:SSS:ABSolute:POWer:LOW**

Syntax: LTE:TDD:LIMit:SSS:ABSolute:POWer:LOW

Parameter/Response:

Description: You can set low limit of SSS Absolute Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:SSS:ABSolute:POWer:LOW 30

#### **LTE:FDD:LIMit:SSS:RELative:POWer:LOW**

Syntax: LTE:FDD:LIMit:SSS:RELative:POWer:LOW

Parameter/Response:

Description: You can set low limit of SSS Relative Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:SSS:RELative:POWer:LOW 30

#### **LTE:TDD:LIMit:SSS:RELative:POWer:LOW**

Syntax: LTE:TDD:LIMit:SSS:RELative:POWer:LOW

Parameter/Response:

Description: You can set low limit of SSS Relative Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:SSS:RELative:POWer:LOW 30

#### **LTE:FDD:LIMit:SUBFrame:POWer:LOW**

Syntax: LTE:FDD:LIMit:SUBFrame:POWer:LOW

Parameter/Response:

Description: You can set low limit of Subframe Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:SUBFrame:POWer:LOW 30

#### **LTE:TDD:LIMit:SUBFrame:POWer:LOW**

Syntax: LTE:TDD:LIMit:SUBFrame:POWer:LOW

Parameter/Response:

Description: You can set low limit of Subframe Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:SUBFrame:POWer:LOW 30

#### **LTE:FDD:LIMit:SLOT:AVERage:POWer:LOW**

Syntax: LTE:FDD:LIMit:SLOT:AVERage:POWer:LOW

Parameter/Response:

Description: You can set low limit of Slot Average Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:SLOT:AVERage:POWer:LOW 30

---

#### **LTE:TDD:LIMit:SLOT:AVERage:POWer:LOW**

Syntax: LTE:TDD:LIMit:SLOT:AVERage:POWer:LOW

Parameter/Response:

Description: You can set low limit of Slot Average Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:SLOT:AVERage:POWer:LOW 30

#### **LTE:FDD:LIMit:TIME:ERRor:LOW**

Syntax: LTE:FDD:LIMit:TIME:ERRor:LOW

Parameter/Response:

Description: You can set low limit of Time Error in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:TIME:ERRor:LOW 30

#### **LTE:TDD:LIMit:TIME:ERRor:LOW**

Syntax: LTE:TDD:LIMit:TIME:ERRor:LOW

Parameter/Response:

Description: You can set low limit of Time Error in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:TIME:ERRor:LOW 30

#### **LTE:FDD:MASK:TYPE**

Syntax: LTE:FDD:MASK:TYPE

Parameter/Response:

Description: You can set Mask Type in LTE FDD Signal Analyzer

Example: LTE:FDD:MASK:TYPE WideAreaBSCategoryA

#### **LTE:TDD:MASK:TYPE**

Syntax: LTE:TDD:MASK:TYPE

Parameter/Response:

Description: You can set Mask Type in LTE TDD Signal Analyzer

Example: LTE:TDD:MASK:TYPE WideAreaBSCategoryA

#### **LTE:FDD:SE:MEASure:TYPE**

Syntax: LTE:FDD:SE:MEASure:TYPE

Parameter/Response:

Description: You can set Measurement Type in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example: LTE:FDD:SE:MEASure:TYPE Examine

#### **LTE:TDD:SE:MEASure:TYPE**

Syntax: LTE:TDD:SE:MEASure:TYPE

Parameter/Response:

---

Description: You can set Measurement Type in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example: `LTE:FDD:SE:MEASure:TYPE` `Examine`

#### **LTE:FDD:MULTiple:METHod**

Syntax: `LTE:FDD:MULTiple:METHod`

Parameter/Response:

Description: You can set Multiple Method in LTE FDD Signal Analyzer

Example: `LTE:FDD:MULTiple:METHod` `99`

#### **LTE:TDD:MULTiple:METHod**

Syntax: `LTE:TDD:MULTiple:METHod`

Parameter/Response:

Description: You can set Multiple Method in LTE TDD Signal Analyzer

Example: `LTE:TDD:MULTiple:METHod` `99`

#### **LTE:FDD:CFI:MODE**

Syntax: `LTE:FDD:CFI:MODE`

Parameter/Response:

Description: You can set CFI Mode in LTE FDD Signal Analyzer

Example: `LTE:FDD:CFI:MODE` `Manual`

#### **LTE:TDD:CFI:MODE**

Syntax: `LTE:TDD:CFI:MODE`

Parameter/Response:

Description: You can set CFI Mode in LTE TDD Signal Analyzer

Example: `LTE:TDD:CFI:MODE` `Manual`

#### **LTE:FDD:CC#:CFI:MODE**

Syntax: `LTE:FDD:CC#:CFI:MODE`

Parameter/Response:

Description: You can set CFI Mode of Carrier Channel in LTE FDD Signal Analyzer

Example: `LTE:FDD:CC05:CFI:MODE` `Manual`

#### **LTE:TDD:CC#:CFI:MODE**

Syntax: `LTE:TDD:CC#:CFI:MODE`

Parameter/Response:

Description: You can set CFI Mode of Carrier Channel in LTE TDD Signal Analyzer

Example: `LTE:TDD:CC05:CFI:MODE` `Manual`

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#### **LTE:FDD:CELL:ID:MODE**

Syntax: LTE:FDD:CELL:ID:MODE

Parameter/Response:

Description: You can set Cell ID Mode in LTE FDD Signal Analyzer

Example: LTE:FDD:CELL:ID:MODE Auto

#### **LTE:TDD:CELL:ID:MODE**

Syntax: LTE:TDD:CELL:ID:MODE

Parameter/Response:

Description: You can set Cell ID Mode in LTE TDD Signal Analyzer

Example: LTE:TDD:CELL:ID:MODE Auto

#### **LTE:FDD:CC#:CELL:ID:MODE**

Syntax: LTE:FDD:CC#:CELL:ID:MODE

Parameter/Response:

Description: You can set Cell ID Mode of Carrier Channel in LTE FDD Signal Analyzer

Example: LTE:FDD:CC05:CELL:ID:MODE Off

#### **LTE:TDD:CC#:CELL:ID:MODE**

Syntax: LTE:TDD:CC#:CELL:ID:MODE

Parameter/Response:

Description: You can set Cell ID Mode of Carrier Channel in LTE TDD Signal Analyzer

Example: LTE:TDD:CC05:CELL:ID:MODE Off

#### **LTE:FDD:LIMit:CHANnel:SCANner:MODE**

Syntax: LTE:FDD:LIMit:CHANnel:SCANner:MODE

Parameter/Response:

Description: You can set Limit Line On or Off in Channel Scanner Measurement of LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:CHANnel:SCANner:MODE Off

#### **LTE:TDD:LIMit:CHANnel:SCANner:MODE**

Syntax: LTE:TDD:LIMit:CHANnel:SCANner:MODE

Parameter/Response:

Description: You can set Limit Line On or Off in Channel Scanner Measurement of LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CHANnel:SCANner:MODE Off

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### **LTE:FDD:DISPlay:CHART:MODE**

Syntax: LTE:FDD:DISPlay:CHART:MODE

Parameter/Response:

Description: You can set Display Chart Mode in LTE FDD Signal Analyzer

Example: LTE:FDD:DISPlay:CHART:MODE On

### **LTE:TDD:DISPlay:CHART:MODE**

Syntax: LTE:TDD:DISPlay:CHART:MODE

Parameter/Response:

Description: You can set Display Chart Mode in LTE TDD Signal Analyzer

Example: LTE:TDD:DISPlay:CHART:MODE On

### **LTE:FDD:CYCLic:MODE**

Syntax: LTE:FDD:CYCLic:MODE

Parameter/Response:

Description: You can set Cyclic mode in LTE FDD Signal Analyzer

Example: LTE:FDD:CYCLic:MODE Extended

### **LTE:TDD:CYCLic:MODE**

Syntax: LTE:TDD:CYCLic:MODE

Parameter/Response:

Description: You can set Cyclic mode in LTE TDD Signal Analyzer

Example: LTE:TDD:CYCLic:MODE Extended

### **LTE:FDD:CC#:CYCLic:MODE**

Syntax: LTE:FDD:CC#:CYCLic:MODE

Parameter/Response:

Description: You can set Cyclic mode of Carrier Channel in LTE FDD Signal Analyzer

Example: LTE:FDD:CC05:CYCLic:MODE Extended

### **LTE:TDD:CC#:CYCLic:MODE**

Syntax: LTE:TDD:CC#:CYCLic:MODE

Parameter/Response:

Description: You can set Cyclic mode of Carrier Channel in LTE TDD Signal Analyzer

Example: LTE:TDD:CC05:CYCLic:MODE Extended

### **LTE:FDD:EVM:DETECT:MODE**

Syntax: LTE:FDD:EVM:DETECT:MODE

Parameter/Response:



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Description: You can set EVM Detect mode in LTE FDD Signal Analyzer

Example: `LTE:FDD:EVM:DETECT:MODE Combine`

#### **LTE:TDD:EVM:DETECT:MODE**

Syntax: `LTE:TDD:EVM:DETECT:MODE`

Parameter/Response:

Description: You can set EVM Detect mode in LTE TDD Signal Analyzer

Example: `LTE:TDD:EVM:DETECT:MODE Combine`

#### **LTE:FDD:CC#:LAA:MODE**

Syntax: `LTE:FDD:CC#:LAA:MODE`

Parameter/Response:

Description: You can set LAA mode of Carrier Channel in LTE FDD Signal Analyzer

Example: `LTE:FDD:CC05:LAA:MODE Off`

#### **LTE:TDD:CC#:LAA:MODE**

Syntax: `LTE:TDD:CC#:LAA:MODE`

Parameter/Response:

Description: You can set LAA mode of Carrier Channel in LTE TDD Signal Analyzer

Example: `LTE:TDD:CC05:LAA:MODE Off`

#### **LTE:FDD:LIMIT:ACP:MODE**

Syntax: `LTE:FDD:LIMIT:ACP:MODE`

Parameter/Response:

Description: You can set limit On or Off for ACP in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMIT:ACP:MODE Off`

#### **LTE:TDD:LIMIT:ACP:MODE**

Syntax: `LTE:TDD:LIMIT:ACP:MODE`

Parameter/Response:

Description: You can set limit On or Off for ACP in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMIT:ACP:MODE Off`

#### **LTE:FDD:LIMIT:CHANNEL:POWER:MODE**

Syntax: `LTE:FDD:LIMIT:CHANNEL:POWER:MODE`

Parameter/Response:

Description: You can set Limit On or Off in Channel Power Measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMIT:CHANNEL:POWER:MODE Off`

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#### **LTE:TDD:LIMit:CHANnel:POWer:MODE**

Syntax: LTE:TDD:LIMit:CHANnel:POWer:MODE

Parameter/Response:

Description: You can set Limit On or Off in Channel POWER Measurement of LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:CHANnel:POWer:MODE Off

#### **LTE:FDD:LIMit:DATA:PEAK:EVM:MODE**

Syntax: LTE:FDD:LIMit:DATA:PEAK:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM data peak in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DATA:PEAK:EVM:MODE Off

#### **LTE:TDD:LIMit:DATA:PEAK:EVM:MODE**

Syntax: LTE:TDD:LIMit:DATA:PEAK:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM data peak in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DATA:PEAK:EVM:MODE Off

#### **LTE:FDD:LIMit:DATA:RMS:EVM:MODE**

Syntax: LTE:FDD:LIMit:DATA:RMS:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM data RMS in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DATA:RMS:EVM:MODE Off

#### **LTE:TDD:LIMit:DATA:RMS:EVM:MODE**

Syntax: LTE:TDD:LIMit:DATA:RMS:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM data RMS in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:DATA:RMS:EVM:MODE Off

#### **LTE:FDD:LIMit:CHANnel:PDS:EVM:MODE**

Syntax: LTE:FDD:LIMit:CHANnel:PDS:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM PDSCH in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:CHANnel:PDS:EVM:MODE Off

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#### **LTE:TDD:LIMit:CHANnel:PDS:EVM:MODE**

Syntax: LTE:TDD:LIMit:CHANnel:PDS:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM PDSCH in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:CHANnel:PDS:EVM:MODE Off`

#### **LTE:FDD:LIMit:PMCH:EVM:MODE**

Syntax: LTE:FDD:LIMit:PMCH:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM PMCH in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:PMCH:EVM:MODE Off`

#### **LTE:TDD:LIMit:PMCH:EVM:MODE**

Syntax: LTE:TDD:LIMit:PMCH:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM PMCH in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:PMCH:EVM:MODE Off`

#### **LTE:FDD:LIMit:PSS:EVM:MODE**

Syntax: LTE:FDD:LIMit:PSS:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM PSS in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:PSS:EVM:MODE Off`

#### **LTE:TDD:LIMit:PSS:EVM:MODE**

Syntax: LTE:TDD:LIMit:PSS:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM PSS in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:PSS:EVM:MODE Off`

#### **LTE:FDD:LIMit:RS0:EVM:MODE**

Syntax: LTE:FDD:LIMit:RS0:EVM:MODE

Parameter/Response:

Description: You can set limit on or off for EVM RS0 in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:RS0:EVM:MODE On`

#### **LTE:TDD:LIMit:RS0:EVM:MODE**

Syntax: LTE:TDD:LIMit:RS0:EVM:MODE

---

Parameter/Response:

Description: You can set limit on or off for EVM RS0 in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:RS0:EVM:MODE On`

#### **LTE:FDD:LIMit:RS1:EVM:MODE**

Syntax: `LTE:FDD:LIMit:RS1:EVM:MODE`

Parameter/Response:

Description: You can set limit on or off for EVM RS1 in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:RS1:EVM:MODE On`

#### **LTE:TDD:LIMit:RS1:EVM:MODE**

Syntax: `LTE:TDD:LIMit:RS1:EVM:MODE`

Parameter/Response:

Description: You can set limit on or off for EVM RS1 in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:RS1:EVM:MODE On`

#### **LTE:FDD:LIMit:RS2:EVM:MODE**

Syntax: `LTE:FDD:LIMit:RS2:EVM:MODE`

Parameter/Response:

Description: You can set limit on or off for EVM RS2 in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:RS2:EVM:MODE On`

#### **LTE:TDD:LIMit:RS2:EVM:MODE**

Syntax: `LTE:TDD:LIMit:RS2:EVM:MODE`

Parameter/Response:

Description: You can set limit on or off for EVM RS2 in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:RS2:EVM:MODE On`

#### **LTE:FDD:LIMit:RS:EVM:MODE**

Syntax: `LTE:FDD:LIMit:RS:EVM:MODE`

Parameter/Response:

Description: You can set limit on or off for EVM RS in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:RS:EVM:MODE Off`

#### **LTE:TDD:LIMit:RS:EVM:MODE**

Syntax: `LTE:TDD:LIMit:RS:EVM:MODE`

Parameter/Response:

Description: You can set limit on or off for EVM RS in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:RS:EVM:MODE Off`

#### **LTE:FDD:LIMit:SSS:EVM:MODE**

Syntax: `LTE:FDD:LIMit:SSS:EVM:MODE`

---

Parameter/Response:

Description: You can set limit on or off for EVM SSS in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:SSS:EVM:MODE Off`

#### **LTE:TDD:LIMit:SSS:EVM:MODE**

Syntax: `LTE:TDD:LIMit:SSS:EVM:MODE`

Parameter/Response:

Description: You can set limit on or off for EVM SSS in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:SSS:EVM:MODE Off`

#### **LTE:FDD:LIMit:FREQuency:ERRor:MODE**

Syntax: `LTE:FDD:LIMit:FREQuency:ERRor:MODE`

Parameter/Response:

Description: You can set limit on or off for Frequency Error in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:FREQuency:ERRor:MODE Off`

#### **LTE:TDD:LIMit:FREQuency:ERRor:MODE**

Syntax: `LTE:TDD:LIMit:FREQuency:ERRor:MODE`

Parameter/Response:

Description: You can set limit on or off for Frequency Error in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:FREQuency:ERRor:MODE Off`

#### **LTE:FDD:LIMit:IQ:ORIGin:OFFSet:MODE**

Syntax: `LTE:FDD:LIMit:IQ:ORIGin:OFFSet:MODE`

Parameter/Response:

Description: You can set limit on or off for IQ Origin Offset in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:IQ:ORIGin:OFFSet:MODE Off`

#### **LTE:TDD:LIMit:IQ:ORIGin:OFFSet:MODE**

Syntax: `LTE:TDD:LIMit:IQ:ORIGin:OFFSet:MODE`

Parameter/Response:

Description: You can set limit on or off for IQ Origin Offset in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:IQ:ORIGin:OFFSet:MODE Off`

#### **LTE:FDD:LIMit:MACP:MODE**

Syntax: `LTE:FDD:LIMit:MACP:MODE`

Parameter/Response:

Description: You can set limit on or off for MACP in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:MACP:MODE Off`

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#### **LTE:TDD:LIMit:MACP:MODE**

Syntax: LTE:TDD:LIMit:MACP:MODE

Parameter/Response:

Description: You can set limit on or off for MACP in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:MACP:MODE Off

#### **LTE:FDD:LIMit:OCCupied:BW:MODE**

Syntax: LTE:FDD:LIMit:OCCupied:BW:MODE

Parameter/Response:

Description: You can set limit on or off for Occupied Bandwidth in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:OCCupied:BW:MODE Off

#### **LTE:TDD:LIMit:OCCupied:BW:MODE**

Syntax: LTE:TDD:LIMit:OCCupied:BW:MODE

Parameter/Response:

Description: You can set limit on or off for Occupied Bandwidth in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:OCCupied:BW:MODE Off

#### **LTE:FDD:LIMit:OFF:POWer:MODE**

Syntax: LTE:FDD:LIMit:OFF:POWer:MODE

Parameter/Response:

Description: You can set limit on or off for Off Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:OFF:POWer:MODE Off

#### **LTE:TDD:LIMit:OFF:POWer:MODE**

Syntax: LTE:TDD:LIMit:OFF:POWer:MODE

Parameter/Response:

Description: You can set limit on or off for Off Power in LTE TDD Signal Analyzer

Example: LTE:TDD:LIMit:OFF:POWer:MODE Off

#### **LTE:FDD:LIMit:DL:RS:POWer:MODE**

Syntax: LTE:FDD:LIMit:DL:RS:POWer:MODE

Parameter/Response:

Description: You can set limit on or off for Downlink RS Power in LTE FDD Signal Analyzer

Example: LTE:FDD:LIMit:DL:RS:POWer:MODE Off

#### **LTE:TDD:LIMit:DL:RS:POWer:MODE**

Syntax: LTE:TDD:LIMit:DL:RS:POWer:MODE

---

Parameter/Response:

Description: You can set limit on or off for Downlink RS Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:DL:RS:POWEr:MODE Off`

#### **LTE:FDD:LIMit:FRAME:AVERage:POWEr:MODE**

Syntax: `LTE:FDD:LIMit:FRAME:AVERage:POWEr:MODE`

Parameter/Response:

Description: You can set limit on or off for Frame Average Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:FRAME:AVERage:POWEr:MODE Off`

#### **LTE:TDD:LIMit:FRAME:AVERage:POWEr:MODE**

Syntax: `LTE:TDD:LIMit:FRAME:AVERage:POWEr:MODE`

Parameter/Response:

Description: You can set limit on or off for Frame Average Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:FRAME:AVERage:POWEr:MODE Off`

#### **LTE:FDD:LIMit:OFDM:POWEr:MODE**

Syntax: `LTE:FDD:LIMit:OFDM:POWEr:MODE`

Parameter/Response:

Description: You can set limit on or off for OFDM Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:OFDM:POWEr:MODE Off`

#### **LTE:TDD:LIMit:OFDM:POWEr:MODE**

Syntax: `LTE:TDD:LIMit:OFDM:POWEr:MODE`

Parameter/Response:

Description: You can set limit on or off for OFDM Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:OFDM:POWEr:MODE Off`

#### **LTE:FDD:LIMit:PBCH:POWEr:MODE**

Syntax: `LTE:FDD:LIMit:PBCH:POWEr:MODE`

Parameter/Response:

Description: You can set limit on or off for PBCH Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:PBCH:POWEr:MODE Off`

#### **LTE:TDD:LIMit:PBCH:POWEr:MODE**

Syntax: `LTE:TDD:LIMit:PBCH:POWEr:MODE`

Parameter/Response:

---

Description: You can set limit on or off for PBCH Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:PBCH:POWer:MODE Off`

#### **LTE:FDD:LIMit:PSS:POWer:MODE**

Syntax: `LTE:FDD:LIMit:PSS:POWer:MODE`

Parameter/Response:

Description: You can set limit on or off for PSS Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:PSS:POWer:MODE Off`

#### **LTE:TDD:LIMit:PSS:POWer:MODE**

Syntax: `LTE:TDD:LIMit:PSS:POWer:MODE`

Parameter/Response:

Description: You can set limit on or off for PSS Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:PSS:POWer:MODE Off`

#### **LTE:FDD:LIMit:SSS:POWer:MODE**

Syntax: `LTE:FDD:LIMit:SSS:POWer:MODE`

Parameter/Response:

Description: You can set limit on or off for SSS Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:SSS:POWer:MODE Off`

#### **LTE:TDD:LIMit:SSS:POWer:MODE**

Syntax: `LTE:TDD:LIMit:SSS:POWer:MODE`

Parameter/Response:

Description: You can set limit on or off for SSS Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:SSS:POWer:MODE Off`

#### **LTE:FDD:LIMit:SUBFrame:POWer:MODE**

Syntax: `LTE:FDD:LIMit:SUBFrame:POWer:MODE`

Parameter/Response:

Description: You can set limit on or off for Subframe Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:SUBFrame:POWer:MODE Off`

#### **LTE:TDD:LIMit:SUBFrame:POWer:MODE**

Syntax: `LTE:TDD:LIMit:SUBFrame:POWer:MODE`

Parameter/Response:



---

Description: You can set limit on or off for Subframe Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:SUBFrame:POWEr:MODE Off`

#### **LTE:FDD:LIMit:SEM:MODE**

Syntax: `LTE:FDD:LIMit:SEM:MODE`

Parameter/Response:

Description: You can set limit on or off for Spectrum Emission Mask in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:SEM:MODE Off`

#### **LTE:TDD:LIMit:SEM:MODE**

Syntax: `LTE:TDD:LIMit:SEM:MODE`

Parameter/Response:

Description: You can set limit on or off for Spectrum Emission Mask in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:SEM:MODE Off`

#### **LTE:FDD:LIMit:SLOT:AVERage:POWEr:MODE**

Syntax: `LTE:FDD:LIMit:SLOT:AVERage:POWEr:MODE`

Parameter/Response:

Description: You can set limit on or off for Slot Average Power in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:SLOT:AVERage:POWEr:MODE Off`

#### **LTE:TDD:LIMit:SLOT:AVERage:POWEr:MODE**

Syntax: `LTE:TDD:LIMit:SLOT:AVERage:POWEr:MODE`

Parameter/Response:

Description: You can set limit on or off for Slot Average Power in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:SLOT:AVERage:POWEr:MODE Off`

#### **LTE:FDD:LIMit:SPURious:MODE**

Syntax: `LTE:FDD:LIMit:SPURious:MODE`

Parameter/Response:

Description: You can set limit on or off for Spurious Emissions in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:SPURious:MODE Off`

#### **LTE:TDD:LIMit:SPURious:MODE**

Syntax: `LTE:TDD:LIMit:SPURious:MODE`

Parameter/Response:

---

Description: You can set limit on or off for Spurious Emissions in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:SPURious:MODE Off`

#### **LTE:FDD:LIMit:TAE:CA:MODE**

Syntax: `LTE:FDD:LIMit:TAE:CA:MODE`

Parameter/Response:

Description: You can set limit on or off for TAE of CA(Carrier Aggregation) in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:TAE:CA:MODE Off`

#### **LTE:TDD:LIMit:TAE:CA:MODE**

Syntax: `LTE:TDD:LIMit:TAE:CA:MODE`

Parameter/Response:

Description: You can set limit on or off for TAE of CA(Carrier Aggregation) in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:TAE:CA:MODE Off`

#### **LTE:FDD:LIMit:TAE:MIMO:MODE**

Syntax: `LTE:FDD:LIMit:TAE:MIMO:MODE`

Parameter/Response:

Description: You can set limit on or off for TAE of MIMO in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:TAE:MIMO:MODE Off`

#### **LTE:TDD:LIMit:TAE:MIMO:MODE**

Syntax: `LTE:TDD:LIMit:TAE:MIMO:MODE`

Parameter/Response:

Description: You can set limit on or off for TAE of MIMO in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:TAE:MIMO:MODE Off`

#### **LTE:FDD:LIMit:TIME:ERRor:MODE**

Syntax: `LTE:FDD:LIMit:TIME:ERRor:MODE`

Parameter/Response:

Description: You can set limit on or off for Time Error in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:TIME:ERRor:MODE Off`

#### **LTE:TDD:LIMit:TIME:ERRor:MODE**

Syntax: `LTE:TDD:LIMit:TIME:ERRor:MODE`

Parameter/Response:

---

Description: You can set limit on or off for Time Error in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:TIME:ERRor:MODE Off`

#### **LTE:FDD:LIMit:TRANSition:PERiod:MODE**

Syntax: `LTE:FDD:LIMit:TRANSition:PERiod:MODE`

Parameter/Response:

Description: You can set limit on or off for Transition Period in LTE FDD Signal Analyzer

Example: `LTE:FDD:LIMit:TRANSition:PERiod:MODE Off`

#### **LTE:TDD:LIMit:TRANSition:PERiod:MODE**

Syntax: `LTE:TDD:LIMit:TRANSition:PERiod:MODE`

Parameter/Response:

Description: You can set limit on or off for Transition Period in LTE TDD Signal Analyzer

Example: `LTE:TDD:LIMit:TRANSition:PERiod:MODE Off`

#### **LTE:FDD:MBMS:MODE**

Syntax: `LTE:FDD:MBMS:MODE`

Parameter/Response:

Description: You can set on or off for MBMS in LTE FDD Signal Analyzer

Example: `LTE:FDD:MBMS:MODE On`

#### **LTE:TDD:MBMS:MODE**

Syntax: `LTE:TDD:MBMS:MODE`

Parameter/Response:

Description: You can set on or off for MBMS in LTE TDD Signal Analyzer

Example: `LTE:TDD:MBMS:MODE On`

#### **LTE:FDD:CC#:MBMS:MODE**

Syntax: `LTE:FDD:CC#:MBMS:MODE`

Parameter/Response:

Description: You can set on or off for MBMS of carrier channel in LTE FDD Signal Analyzer

Example: `LTE:FDD:CC#:MBMS:MODE Off`

#### **LTE:TDD:CC#:MBMS:MODE**

Syntax: `LTE:TDD:CC#:MBMS:MODE`

Parameter/Response:

Description: You can set on or off for MBMS of carrier channel in LTE TDD Signal Analyzer

Example: `LTE:TDD:CC#:MBMS:MODE Off`

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#### **LTE:FDD:MBSF:NUMBer:MODE**

Syntax: LTE:FDD:MBSF:NUMBer:MODE

Parameter/Response:

Description: You can set Manual or Auto for MBSFN in LTE FDD Signal Analyzer

Example: LTE:FDD:MBSF:NUMBer:MODE Manual

#### **LTE:TDD:MBSF:NUMBer:MODE**

Syntax: LTE:TDD:MBSF:NUMBer:MODE

Parameter/Response:

Description: You can set Manual or Auto for MBSFN in LTE TDD Signal Analyzer

Example: LTE:TDD:MBSF:NUMBer:MODE Manual

#### **LTE:FDD:CC#:MBSF:NUMBer:MODE**

Syntax: LTE:FDD:CC#:MBSF:NUMBer:MODE

Parameter/Response:

Description: You can set Manual or Auto for MBSFN of Carrier Channel in LTE FDD Signal Analyzer

Example: LTE:FDD:CC05:MBSF:NUMBer:MODE Auto

#### **LTE:TDD:CC#:MBSF:NUMBer:MODE**

Syntax: LTE:TDD:CC#:MBSF:NUMBer:MODE

Parameter/Response:

Description: You can set Manual or Auto for MBSFN of Carrier Channel in LTE TDD Signal Analyzer

Example: LTE:TDD:CC05:MBSF:NUMBer:MODE Auto

#### **LTE:FDD:MIMO:MODE**

Syntax: LTE:FDD:MIMO:MODE

Parameter/Response:

Description: You can set 2x2 or 4x4 for MIMO in LTE FDD Signal Analyzer

Example: LTE:FDD:MIMO:MODE 4x4

#### **LTE:TDD:MIMO:MODE**

Syntax: LTE:TDD:MIMO:MODE

Parameter/Response:

Description: You can set 2x2 or 4x4 for MIMO in LTE TDD Signal Analyzer

Example: LTE:TDD:MIMO:MODE 4x4

---

#### **LTE:FDD:CC#:MIMO:MODE**

Syntax: LTE:FDD:CC#:MIMO:MODE

Parameter/Response:

Description: You can set 2x2 or 4x4 for MIMO of Carrier Channel in LTE FDD Signal Analyzer

Example: LTE:FDD:CC05:MIMO:MODE 4x4

#### **LTE:TDD:CC#:MIMO:MODE**

Syntax: LTE:TDD:CC#:MIMO:MODE

Parameter/Response:

Description: You can set 2x2 or 4x4 for MIMO of Carrier Channel in LTE TDD Signal Analyzer

Example: LTE:TDD:CC05:MIMO:MODE 4x4

#### **LTE:FDD:CHANnel:PDC:MODE**

Syntax: LTE:FDD:CHANnel:PDC:MODE

Parameter/Response:

Description: You can set mode for PDCCH in LTE FDD Signal Analyzer

Example: LTE:FDD:CHANnel:PDC:MODE REG

#### **LTE:TDD:CHANnel:PDC:MODE**

Syntax: LTE:TDD:CHANnel:PDC:MODE

Parameter/Response:

Description: You can set mode for PDCCH in LTE TDD Signal Analyzer

Example: LTE:TDD:CHANnel:PDC:MODE REG

#### **LTE:FDD:CHANnel:PHI:NG**

Syntax: LTE:FDD:CHANnel:PHI:NG

Parameter/Response:

Description: You can set PHICH Ng in LTE FDD Signal Analyzer

Example: LTE:FDD:CHANnel:PHI:NG E-1/6

#### **LTE:TDD:CHANnel:PHI:NG**

Syntax: LTE:TDD:CHANnel:PHI:NG

Parameter/Response:

Description: You can set PHICH Ng in LTE TDD Signal Analyzer

Example: LTE:TDD:CHANnel:PHI:NG E-1/6

#### **LTE:FDD:CC#:CHANnel:PHI:NG:MODE**

Syntax: LTE:FDD:CC#:CHANnel:PHI:NG:MODE

Parameter/Response:

---

Description: You can set PHICH Ng of Carrier Channel in LTE FDD Signal Analyzer

Example: `LTE:FDD:CC05:CHANnel:PHI:NG:MODE E-1/2`

#### **LTE:TDD:CC#:CHANnel:PHI:NG:MODE**

Syntax: `LTE:TDD:CC#:CHANnel:PHI:NG:MODE`

Parameter/Response:

Description: You can set PHICH Ng of Carrier Channel in LTE TDD Signal Analyzer

Example: `LTE:TDD:CC05:CHANnel:PHI:NG:MODE E-1/2`

#### **LTE:FDD:MAP:PLOT:MODE**

Syntax: `LTE:FDD:MAP:PLOT:MODE`

Parameter/Response:

Description: You can set Start, Stop or Pause for the Plot mode in Route Map measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:PLOT:MODE Start`

#### **LTE:TDD:MAP:PLOT:MODE**

Syntax: `LTE:TDD:MAP:PLOT:MODE`

Parameter/Response:

Description: You can set Start, Stop or Pause for the Plot mode in Route Map measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:PLOT:MODE Start`

#### **LTE:FDD:SE:RANGe#:MODE**

Syntax: `LTE:FDD:SE:RANGe#:MODE`

Parameter/Response:

Description: You can set On or Off for the Range# in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:SE:RANGe09:MODE Off`

#### **LTE:TDD:SE:RANGe#:MODE**

Syntax: `LTE:TDD:SE:RANGe#:MODE`

Parameter/Response:

Description: You can set On or Off for the Range# in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:SE:RANGe09:MODE Off`

#### **LTE:FDD:SWEEp:MODE**

Syntax: `LTE:FDD:SWEEp:MODE`

Parameter/Response:

---

Description: You can set Single or Continue for the Sweep mode in LTE FDD Signal Analyzer

Example: `LTE:FDD:SWEEp:MODE Single`

#### **LTE:TDD:SWEEp:MODE**

Syntax: `LTE:TDD:SWEEp:MODE`

Parameter/Response:

Description: You can set Single or Continue for the Sweep mode in LTE TDD Signal Analyzer

Example: `LTE:TDD:SWEEp:MODE Single`

#### **LTE:FDD:TRIGger:MODE**

Syntax: `LTE:FDD:TRIGger:MODE`

Parameter/Response:

Description: You can set Internal, External or GNSS for the Trigger mode in LTE FDD Signal Analyzer

Example: `LTE:FDD:TRIGger:MODE External`

#### **LTE:TDD:TRIGger:MODE**

Syntax: `LTE:TDD:TRIGger:MODE`

Parameter/Response:

Description: You can set Internal, External or GNSS for the Trigger mode in LTE TDD Signal Analyzer

Example: `LTE:TDD:TRIGger:MODE External`

#### **LTE:FDD:CFI:NUMBer**

Syntax: `LTE:FDD:CFI:NUMBer`

Parameter/Response:

Description: You can set CFI Number in LTE FDD Signal Analyzer

Example: `LTE:FDD:CFI:NUMBer 3`

#### **LTE:TDD:CFI:NUMBer**

Syntax: `LTE:TDD:CFI:NUMBer`

Parameter/Response:

Description: You can set CFI Number in LTE TDD Signal Analyzer

Example: `LTE:TDD:CFI:NUMBer 3`

#### **LTE:FDD:CC#:CFI:NUMBer**

Syntax: `LTE:FDD:CC#:CFI:NUMBer`

Parameter/Response:

Description: You can set CFI Number of Carrier Channel in LTE FDD Signal Analyzer

Example: `LTE:FDD:CC05:CFI:NUMBer 3`

---

#### **LTE:TDD:CC#:CFI:NUMBer**

Syntax: LTE:TDD:CC#:CFI:NUMBer

Parameter/Response:

Description: You can set CFI Number of Carrier Channel in LTE TDD Signal Analyzer

Example: LTE:TDD:CC05:CFI:NUMBer 3

#### **LTE:FDD:CELL:ID:NUMBer**

Syntax: LTE:FDD:CELL:ID:NUMBer

Parameter/Response:

Description: You can set Cell ID number in LTE FDD Signal Analyzer

Example: LTE:FDD:CELL:ID:NUMBer 503

#### **LTE:TDD:CELL:ID:NUMBer**

Syntax: LTE:TDD:CELL:ID:NUMBer

Parameter/Response:

Description: You can set Cell ID number in LTE TDD Signal Analyzer

Example: LTE:TDD:CELL:ID:NUMBer 503

#### **LTE:FDD:CC#:CELL:ID:NUMBer**

Syntax: LTE:FDD:CC#:CELL:ID:NUMBer

Parameter/Response:

Description: You can set Cell ID number of Carrier Channel in LTE FDD Signal Analyzer

Example: LTE:FDD:CC05:CELL:ID:NUMBer 1

#### **LTE:TDD:CC#:CELL:ID:NUMBer**

Syntax: LTE:TDD:CC#:CELL:ID:NUMBer

Parameter/Response:

Description: You can set Cell ID number of Carrier Channel in LTE TDD Signal Analyzer

Example: LTE:TDD:CC05:CELL:ID:NUMBer 1

#### **LTE:FDD:MBSF:NUMBer**

Syntax: LTE:FDD:MBSF:NUMBer

Parameter/Response:

Description: You can set MBSFN in LTE FDD Signal Analyzer

Example: LTE:FDD:MBSF:NUMBer 256

#### **LTE:TDD:MBSF:NUMBer**

Syntax: LTE:TDD:MBSF:NUMBer



---

Parameter/Response:  
Description: You can set MBSFN in LTE TDD Signal Analyzer  
Example: `LTE:TDD:MBSF:NUMBER 256`

#### **LTE:FDD:CC#:MBSF:NUMBER**

Syntax: `LTE:FDD:CC#:MBSF:NUMBER`  
Parameter/Response:  
Description: You can set MBSFN of Carrier Channel in LTE FDD Signal Analyzer  
Example: `LTE:FDD:CC05:MBSF:NUMBER 1`

#### **LTE:TDD:CC#:MBSF:NUMBER**

Syntax: `LTE:TDD:CC#:MBSF:NUMBER`  
Parameter/Response:  
Description: You can set MBSFN of Carrier Channel in LTE TDD Signal Analyzer  
Example: `LTE:TDD:CC05:MBSF:NUMBER 1`

#### **LTE:FDD:DAM:MARKer:RB**

Syntax: `LTE:FDD:DAM:MARKer:RB`  
Parameter/Response:  
Description: You can set Marker for RB number of Data Allocation Map measurement in LTE FDD Signal Analyzer  
Example: `LTE:FDD:DAM:MARKer:RB 33`

#### **LTE:TDD:DAM:MARKer:RB**

Syntax: `LTE:TDD:DAM:MARKer:RB`  
Parameter/Response:  
Description: You can set Marker for RB number of Data Allocation Map measurement in LTE TDD Signal Analyzer  
Example: `LTE:TDD:DAM:MARKer:RB 14`

#### **LTE:FDD:MARKer:CHANnel:DATA:RB:NUMBER**

Syntax: `LTE:FDD:MARKer:CHANnel:DATA:RB:NUMBER`  
Parameter/Response:  
Description: You can set Marker for RB number of Data Channel measurement in LTE FDD Signal Analyzer  
Example: `LTE:FDD:MARKer:CHANnel:DATA:RB:NUMBER 3`

#### **LTE:TDD:MARKer:CHANnel:DATA:RB:NUMBER**

Syntax: `LTE:TDD:MARKer:CHANnel:DATA:RB:NUMBER`  
Parameter/Response:  
Description: You can set Marker for RB number of Data Channel measurement in LTE TDD Signal Analyzer  
Example: `LTE:TDD:MARKer:CHANnel:DATA:RB:NUMBER 20`

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### **LTE:FDD:DATAgram:RB**

Syntax: LTE:FDD:DATAgram:RB

Parameter/Response:

Description: You can set RB number in OTA Datagram measurement in LTE FDD Signal Analyzer

Example: LTE:FDD:DATAgram:RB 12

### **LTE:TDD:DATAgram:RB**

Syntax: LTE:TDD:DATAgram:RB

Parameter/Response:

Description: You can set RB number in OTA Datagram measurement in LTE TDD Signal Analyzer

Example: LTE:TDD:DATAgram:RB 12

### **LTE:FDD:SLOT:NUMBer**

Syntax: LTE:FDD:SLOT:NUMBer

Parameter/Response:

Description: You can set Slot number in LTE FDD Signal Analyzer

Example: LTE:FDD:SLOT:NUMBer 3

### **LTE:TDD:SLOT:NUMBer**

Syntax: LTE:TDD:SLOT:NUMBer

Parameter/Response:

Description: You can set Slot number in LTE TDD Signal Analyzer

Example: LTE:TDD:SLOT:NUMBer 3

### **LTE:FDD:SUBFrame:NUMBer**

Syntax: LTE:FDD:SUBFrame:NUMBer

Parameter/Response:

Description: You can set Subframe number in LTE FDD Signal Analyzer

Example: LTE:FDD:SUBFrame:NUMBer 7

### **LTE:TDD:SUBFrame:NUMBer**

Syntax: LTE:TDD:SUBFrame:NUMBer

Parameter/Response:

Description: You can set Subframe number in LTE TDD Signal Analyzer

Example: LTE:TDD:SUBFrame:NUMBer 7

### **LTE:FDD:SUBFrame:OFDM:SYMBol:POWer**

Syntax: LTE:FDD:SUBFrame:OFDM:SYMBol:POWer

Parameter/Response:

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**Example:** `LTE:FDD:SUBFrame:OFDM:SYMBOL:POWer?`

**Description:** You can query OFDM Symbol Power in Subframe in LTE FDD Signal Analyzer

#### **LTE:TDD:SUBFrame:OFDM:SYMBOL:POWer**

**Syntax:** `LTE:TDD:SUBFrame:OFDM:SYMBOL:POWer`

**Parameter/Response:**

**Example:** `LTE:TDD:SUBFrame:OFDM:SYMBOL:POWer?`

**Description:** You can query OFDM Symbol Power in Subframe in LTE TDD Signal Analyzer

#### **LTE:FDD:CHANnel:PDS:PRECoding**

**Syntax:** `LTE:FDD:CHANnel:PDS:PRECoding`

**Parameter/Response:**

**Description:** You can set On or Off the PDSCH Precoding in LTE FDD Signal Analyzer

**Example:** `LTE:FDD:CHANnel:PDS:PRECoding Off`

#### **LTE:TDD:CHANnel:PDS:PRECoding**

**Syntax:** `LTE:TDD:CHANnel:PDS:PRECoding`

**Parameter/Response:**

**Description:** You can set On or Off the PDSCH Precoding in LTE TDD Signal Analyzer

**Example:** `LTE:TDD:CHANnel:PDS:PRECoding Off`

#### **LTE:FDD:SE:RANGe#:RBW**

**Syntax:** `LTE:FDD:SE:RANGe#:RBW`

**Parameter/Response:**

**Description:** You can set RBW of Range# in Spurious Emissions measurement of LTE FDD Signal Analyzer

**Example:** `LTE:FDD:SE:RANGe09:RBW 30`

#### **LTE:TDD:SE:RANGe#:RBW**

**Syntax:** `LTE:TDD:SE:RANGe#:RBW`

**Parameter/Response:**

**Description:** You can set RBW of Range# in Spurious Emissions measurement of LTE TDD Signal Analyzer

**Example:** `LTE:TDD:SE:RANGe09:RBW 30`

#### **LTE:FDD:AMPLitude:REFeRence:LEVel:ABSolute**

**Syntax:** `LTE:FDD:AMPLitude:REFeRence:LEVel:ABSolute`

**Parameter/Response:**

**Description:** You can set Reference level in LTE FDD Signal Analyzer

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Example: `LTE:FDD:AMPLitude:REference:LEVel:ABSolute 30`

**LTE:TDD:AMPLitude:REference:LEVel:ABSolute**

Syntax: `LTE:TDD:AMPLitude:REference:LEVel:ABSolute`

Parameter/Response:

Description: You can set Reference level in LTE TDD Signal Analyzer

Example: `LTE:TDD:AMPLitude:REference:LEVel:ABSolute 30`

**LTE:FDD:AMPLitude:REference:LEVel**

Syntax: `LTE:FDD:AMPLitude:REference:LEVel`

Parameter/Response:

Description: You can set Reference level in LTE FDD Signal Analyzer

Example: `LTE:FDD:AMPLitude:REference:LEVel 30`

**LTE:TDD:AMPLitude:REference:LEVel**

Syntax: `LTE:TDD:AMPLitude:REference:LEVel`

Parameter/Response:

Description: You can set Reference level in LTE TDD Signal Analyzer

Example: `LTE:TDD:AMPLitude:REference:LEVel 30`

**LTE:FDD:AMPLitude:REference:LEVel:RELative**

Syntax: `LTE:FDD:AMPLitude:REference:LEVel:RELative`

Parameter/Response:

Description: You can set Reference level in LTE FDD Signal Analyzer

Example: `LTE:FDD:AMPLitude:REference:LEVel:RELative 30`

**LTE:TDD:AMPLitude:REference:LEVel:RELative**

Syntax: `LTE:TDD:AMPLitude:REference:LEVel:RELative`

Parameter/Response:

Description: You can set Reference level in LTE TDD Signal Analyzer

Example: `LTE:TDD:AMPLitude:REference:LEVel:RELative 30`

**LTE:FDD:AMPLitude:REference:MODE**

Syntax: `LTE:FDD:AMPLitude:REference:MODE`

Parameter/Response:

Description: You can set Reference Mode in LTE FDD Signal Analyzer

Example: `LTE:FDD:AMPLitude:REference:MODE Relative`

**LTE:FDD:AMPLitude:REference:MODE**

Syntax: `LTE:FDD:AMPLitude:REference:MODE`

Parameter/Response:

Description: You can set Reference Mode in LTE FDD Signal Analyzer

---

Example: `LTE:FDD:AMPLitude:REference:MODE Absolute`

#### **LTE:FDD:AMPLitude:REference:TIME**

Syntax: `LTE:FDD:AMPLitude:REference:TIME`

Parameter/Response:

Description: You can set Reference Time in LTE FDD Signal Analyzer

Example: `LTE:FDD:AMPLitude:REference:TIME 200`

#### **LTE:TDD:AMPLitude:REference:TIME**

Syntax: `LTE:TDD:AMPLitude:REference:TIME`

Parameter/Response:

Description: You can set Reference Time in LTE TDD Signal Analyzer

Example: `LTE:TDD:AMPLitude:REference:TIME 200`

#### **LTE:FDD:TRACe#:INFOrmation:RBW**

Syntax: `LTE:FDD:TRACe#:INFOrmation:RBW`

Parameter/Response:

Description: You can get the RBW of trace in LTE FDD Signal Analyzer

Example: `LTE:FDD:TRACe#:INFOrmation:RBW?`

#### **LTE:TDD:TRACe#:INFOrmation:RBW**

Syntax: `LTE:TDD:TRACe#:INFOrmation:RBW`

Parameter/Response:

Description: You can get the RBW of trace in LTE TDD Signal Analyzer

Example: `LTE:FDD:TRACe#:INFOrmation:RBW?`

#### **LTE:FDD:AMPLitude:SCALE**

Syntax: `LTE:FDD:AMPLitude:SCALE`

Parameter/Response:

Description: You can set Scale Division in LTE FDD Signal Analyzer

Example: `LTE:FDD:AMPLitude:SCALE 9`

#### **LTE:TDD:AMPLitude:SCALE**

Syntax: `LTE:TDD:AMPLitude:SCALE`

Parameter/Response:

Description: You can set Scale Division in LTE TDD Signal Analyzer

Example: `LTE:TDD:AMPLitude:SCALE 9`

#### **LTE:FDD:AMPLitude:SCALE:UNIT**

Syntax: `LTE:FDD:AMPLitude:SCALE:UNIT`

Parameter/Response:

Description: You can set Scale unit in LTE FDD Signal Analyzer

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Example: `LTE:FDD:AMPLitude:SCALE:UNIT dBV`

#### **LTE:TDD:AMPLitude:SCALE:UNIT**

Syntax: `LTE:TDD:AMPLitude:SCALE:UNIT`

Parameter/Response:

Description: You can set Scale unit in LTE TDD Signal Analyzer

Example: `LTE:TDD:AMPLitude:SCALE:UNIT dBV`

#### **LTE:FDD:MAP:SCReen:TYPE**

Syntax: `LTE:FDD:MAP:SCReen:TYPE`

Parameter/Response:

Description: You can set Map or Full for the Screen Mode in Route Map measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:MAP:SCReen:TYPE Full`

#### **LTE:TDD:MAP:SCReen:TYPE**

Syntax: `LTE:TDD:MAP:SCReen:TYPE`

Parameter/Response:

Description: You can set Map or Full for the Screen Mode in Route Map measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:MAP:SCReen:TYPE Full`

#### **LTE:FDD:AMPLitude:PREAmp:SECond**

Syntax: `LTE:FDD:AMPLitude:PREAmp:SECond`

Parameter/Response:

Description: You can set On or Off the Second Preamp in LTE FDD Signal Analyzer

Example: `LTE:FDD:AMPLitude:PREAmp:SECond Off`

#### **LTE:TDD:AMPLitude:PREAmp:SECond**

Syntax: `LTE:TDD:AMPLitude:PREAmp:SECond`

Parameter/Response:

Description: You can set On or Off the Second Preamp in LTE TDD Signal Analyzer

Example: `LTE:TDD:AMPLitude:PREAmp:SECond Off`

#### **LTE:FDD:ANTenna:SElect**

Syntax: `LTE:FDD:ANTenna:SElect`

Parameter/Response:

Description: You can select Antenna in LTE FDD Signal Analyzer

Example: `LTE:FDD:ANTenna:SElect Antenna0`

---

### **LTE:TDD:ANTenna:SElect**

Syntax: LTE:TDD:ANTenna:SElect

Parameter/Response:

Description: You can select Antenna in LTE TDD Signal Analyzer

Example: `LTE:TDD:ANTenna:SElect Antenna0`

### **LTE:FDD:CC#:ANTenna:SElect**

Syntax: LTE:FDD:CC#:ANTenna:SElect

Parameter/Response:

Description: You can select Antenna of Carrier Channel in LTE FDD Signal Analyzer

Example: `LTE:FDD:CC05:ANTenna:SElect Antenna0`

### **LTE:TDD:CC#:ANTenna:SElect**

Syntax: LTE:TDD:CC#:ANTenna:SElect

Parameter/Response:

Description: You can select Antenna of Carrier Channel in LTE TDD Signal Analyzer

Example: `LTE:TDD:CC05:ANTenna:SElect Antenna0`

### **LTE:FDD:CA:MARKer**

Syntax: LTE:FDD:CA:MARKer

Parameter/Response:

Description: You can select one of the Channel for Constellation in Carrier Aggregation measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:CA:MARKer PSS`

### **LTE:TDD:CA:MARKer**

Syntax: LTE:TDD:CA:MARKer

Parameter/Response:

Description: You can select one of the Channel for Constellation in Carrier Aggregation measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:CA:MARKer PSS`

### **LTE:FDD:MARKer:CHANnel:CONTrol:SElect**

Syntax: LTE:FDD:MARKer:CHANnel:CONTrol:SElect

Parameter/Response:

Description: You can select one of the Control Channel for Constellation in Control Channel measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:MARKer:CHANnel:CONTrol:SElect PSS`

---

### **LTE:TDD:MARKer:CHANnel:CONTRol:SElect**

Syntax: LTE:TDD:MARKer:CHANnel:CONTRol:SElect

Parameter/Response:

Description: You can select one of the Control Channel for Constellation in Control Channel measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:MARKer:CHANnel:CONTRol:SElect PSS`

### **LTE:FDD:MARKer:SElect**

Syntax: LTE:FDD:MARKer:SElect

Parameter/Response:

Description: You can select Marker in LTE FDD Signal Analyzer

Example: `LTE:FDD:MARKer:SElect Marker01`

### **LTE:TDD:MARKer:SElect**

Syntax: LTE:TDD:MARKer:SElect

Parameter/Response:

Description: You can select Marker in LTE TDD Signal Analyzer

Example: `LTE:TDD:MARKer:SElect Marker01`

### **LTE:FDD:SE:RANGe:MEASure:SElect**

Syntax: LTE:FDD:SE:RANGe:MEASure:SElect

Parameter/Response:

Description: You can select Range in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:SE:RANGe:MEASure:SElect Range20`

### **LTE:TDD:SE:RANGe:MEASure:SElect**

Syntax: LTE:TDD:SE:RANGe:MEASure:SElect

Parameter/Response:

Description: You can select Range in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:SE:RANGe:MEASure:SElect Range20`

### **LTE:FDD:DAM:MARKer:SUBFrame:SElect**

Syntax: LTE:FDD:DAM:MARKer:SUBFrame:SElect

Parameter/Response:

Description: You can select Subframe No. in Data Allocation Map measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:DAM:MARKer:SUBFrame:SElect 3`



---

### **LTE:TDD:DAM:MARKer:SUBFrame:SElect**

Syntax: LTE:TDD:DAM:MARKer:SUBFrame:SElect

Parameter/Response:

Description: You can select Subframe No. in Data Allocation Map measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:DAM:MARKer:SUBFrame:SElect 3`

### **LTE:FDD:POSition:SElect**

Syntax: LTE:FDD:POSition:SElect

Parameter/Response:

Description: You can select Position for Datagram in LTE FDD Signal Analyzer

Example: `LTE:FDD:POSition:SElect 300`

### **LTE:TDD:POSition:SElect**

Syntax: LTE:TDD:POSition:SElect

Parameter/Response:

Description: You can select Position for Datagram in LTE TDD Signal Analyzer

Example: `LTE:TDD:POSition:SElect 300`

### **LTE:FDD:RS:WINDow:SElect**

Syntax: LTE:FDD:RS:WINDow:SElect

Parameter/Response:

Description: You can select RS Window in LTE FDD Signal Analyzer

Example: `LTE:FDD:RS:WINDow:SElect 8us`

### **LTE:TDD:RS:WINDow:SElect**

Syntax: LTE:TDD:RS:WINDow:SElect

Parameter/Response:

Description: You can select RS Window in LTE TDD Signal Analyzer

Example: `LTE:TDD:RS:WINDow:SElect 8us`

### **LTE:FDD:SE:RANGe:SElect**

Syntax: LTE:FDD:SE:RANGe:SElect

Parameter/Response:

Description: You can select Range No. in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:SE:RANGe:SElect Range20`

### **LTE:TDD:SE:RANGe:SElect**

Syntax: LTE:TDD:SE:RANGe:SElect

Parameter/Response:

---

Description: You can select Range No. in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:SE:RANGe:SElect Range20`

#### **LTE:FDD:MARKer:SYMBOL:SElect**

Syntax: `LTE:FDD:MARKer:SYMBOL:SElect`

Parameter/Response:

Description: You can select Symbol No.in LTE FDD Signal Analyzer

Example: `LTE:FDD:MARKer:SYMBOL:SElect 12`

#### **LTE:TDD:MARKer:SYMBOL:SElect**

Syntax: `LTE:TDD:MARKer:SYMBOL:SElect`

Parameter/Response:

Description: You can select Symbol No. in LTE TDD Signal Analyzer

Example: `LTE:TDD:MARKer:SYMBOL:SElect 12`

#### **LTE:FDD:TRACe:SElect**

Syntax: `LTE:FDD:TRACe:SElect`

Parameter/Response:

Description: You can select Trace in LTE FDD Signal Analyzer

Example: `LTE:FDD:TRACe:SElect Trace01`

#### **LTE:TDD:TRACe:SElect**

Syntax: `LTE:TDD:TRACe:SElect`

Parameter/Response:

Description: You can select Trace in LTE TDD Signal Analyzer

Example: `LTE:TDD:TRACe:SElect Trace02`

#### **LTE:FDD:SUBFrame:SPECIAL**

Syntax: `LTE:FDD:SUBFrame:SPECIAL`

Parameter/Response:

Description: You can set Special Subframe No. in LTE FDD Signal Analyzer

Example: `LTE:FDD:SUBFrame:SPECIAL 9`

#### **LTE:TDD:SUBFrame:SPECIAL**

Syntax: `LTE:TDD:SUBFrame:SPECIAL`

Parameter/Response:

Description: You can set Special Subframe No. in LTE TDD Signal Analyzer

Example: `LTE:TDD:SUBFrame:SPECIAL 9`

#### **LTE:FDD:SE:RANGe#:FREQuency:STARt**

Syntax: `LTE:FDD:SE:RANGe#:FREQuency:STARt`

---

Parameter/Response:

Description: You can set Start Frequency of Range# in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:SE:RANGe09:FREQuency:STARt 1.23 GHz`

#### **LTE:TDD:SE:RANGe#:FREQuency:STARt**

Syntax: `LTE:TDD:SE:RANGe#:FREQuency:STARt`

Parameter/Response:

Description: You can set Start Frequency of Range# in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:SE:RANGe09:FREQuency:STARt 2000 MHz`

#### **LTE:FDD:SE:RANGe#:LIMit:STARt**

Syntax: `LTE:FDD:SE:RANGe#:LIMit:STARt`

Parameter/Response:

Description: You can set Start Limit of Range# in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:SE:RANGe09:LIMit:STARt -30`

#### **LTE:TDD:SE:RANGe#:LIMit:STARt**

Syntax: `LTE:TDD:SE:RANGe#:LIMit:STARt`

Parameter/Response:

Description: You can set Start Limit of Range# in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:SE:RANGe09:LIMit:STARt -30`

#### **LTE:FDD:CC#:STATe**

Syntax: `LTE:FDD:CC#:STATe`

Parameter/Response:

Description: You can set On or Off the State of Carrier Channel in LTE FDD Signal Analyzer

Example: `LTE:FDD:CC05:STATe Off`

#### **LTE:TDD:CC#:STATe**

Syntax: `LTE:TDD:CC#:STATe`

Parameter/Response:

Description: You can set On or Off the State of Carrier Channel in LTE TDD Signal Analyzer

Example: `LTE:TDD:CC05:STATe Off`

#### **LTE:FDD:CA:STATe:CS#**

Syntax: `LTE:FDD:CA:STATe:CS#`

---

Parameter/Response:

Description: You can set On or Off the State of Channel in Channel Scanner measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:CA:STATe:CS1 On`

#### **LTE:TDD:CA:STATe:CS#**

Syntax: `LTE:TDD:CA:STATe:CS#`

Parameter/Response:

Description: You can set On or Off the State of Channel in Channel Scanner measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:CA:STATe:CS1 On`

#### **LTE:FDD:SE:RANGe#:FREQuency:STOP**

Syntax: `LTE:FDD:SE:RANGe#:FREQuency:STOP`

Parameter/Response:

Description: You can set Stop Frequency of Range# in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:SE:RANGe09:FREQuency:STOP 1.23 GHz`

#### **LTE:TDD:SE:RANGe#:FREQuency:STOP**

Syntax: `LTE:TDD:SE:RANGe#:FREQuency:STOP`

Parameter/Response:

Description: You can set Stop Frequency of Range# in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:SE:RANGe09:FREQuency:STOP 2000 MHz`

#### **LTE:FDD:SE:RANGe#:LIMit:STOP**

Syntax: `LTE:FDD:SE:RANGe#:LIMit:STOP`

Parameter/Response:

Description: You can set Stop Limit of Range# in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:SE:RANGe09:LIMit:STOP -30`

#### **LTE:TDD:SE:RANGe#:LIMit:STOP**

Syntax: `LTE:TDD:SE:RANGe#:LIMit:STOP`

Parameter/Response:

Description: You can set Stop Limit of Range# in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:SE:RANGe09:LIMit:STOP -30`

#### **LTE:FDD:CHANnel:PDC:THReshold**

Syntax: `LTE:FDD:CHANnel:PDC:THReshold`

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Parameter/Response:

Description: You can set Threshold value of PDCCH in LTE FDD Signal Analyzer

Example: `LTE:FDD:CHANnel:PDC:THReshold -80`

#### **LTE:TDD:CHANnel:PDC:THReshold**

Syntax: `LTE:TDD:CHANnel:PDC:THReshold`

Parameter/Response:

Description: You can set Threshold value of PDCCH in LTE TDD Signal Analyzer

Example: `LTE:TDD:CHANnel:PDC:THReshold -80`

#### **LTE:FDD:CHANnel:PDS:THReshold**

Syntax: `LTE:FDD:CHANnel:PDS:THReshold`

Parameter/Response:

Description: You can set Threshold value of PDSCH in LTE FDD Signal Analyzer

Example: `LTE:FDD:CHANnel:PDS:THReshold -80`

#### **LTE:TDD:CHANnel:PDS:THReshold**

Syntax: `LTE:TDD:CHANnel:PDS:THReshold`

Parameter/Response:

Description: You can set Threshold value of PDSCH in LTE TDD Signal Analyzer

Example: `LTE:TDD:CHANnel:PDS:THReshold -80`

#### **LTE:FDD:DISPlay:TRANsparency**

Syntax: `LTE:FDD:DISPlay:TRANsparency`

Parameter/Response:

Description: You can set transparency of ArisoGEO Map in LTE FDD Signal Analyzer

Example: `LTE:FDD:DISPlay:TRANsparency 55`

#### **LTE:TDD:DISPlay:TRANsparency**

Syntax: `LTE:TDD:DISPlay:TRANsparency`

Parameter/Response:

Description: You can set transparency of ArisoGEO Map in LTE TDD Signal Analyzer

Example: `LTE:TDD:DISPlay:TRANsparency 55`

#### **LTE:FDD:DISPlay:CHART:TYPE**

Syntax: `LTE:FDD:DISPlay:CHART:TYPE`

Parameter/Response:

Description: You can select Modulation or Spectrum for Display chart in Carrier Aggregation measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:DISPlay:CHART:TYPE Modulation`

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#### **LTE:TDD:DISPlay:CHART:TYPE**

Syntax: LTE:TDD:DISPlay:CHART:TYPE

Parameter/Response:

Description: You can select Modulation or Spectrum for Display chart in Carrier Aggregation measurement of LTE TDD Signal Analyzer

Example: LTE:TDD:DISPlay:CHART:TYPE Spectrum

#### **LTE:FDD:MARKer#:TYPE**

Syntax: LTE:FDD:MARKer#:TYPE

Parameter/Response:

Description: You can set Marker Type in LTE FDD Signal Analyzer

Example: LTE:FDD:MARKer01:TYPE Delta

#### **LTE:TDD:MARKer#:TYPE**

Syntax: LTE:TDD:MARKer#:TYPE

Parameter/Response:

Description: You can set Marker Type in LTE TDD Signal Analyzer

Example: LTE:TDD:MARKer01:TYPE Delta

#### **LTE:FDD:CHANnel:PDS:TYPE**

Syntax: LTE:FDD:CHANnel:PDS:TYPE

Parameter/Response:

Description: You can select the PDSCH Modulation Type in LTE FDD Signal Analyzer

Example: LTE:FDD:CHANnel:PDS:TYPE E-TM3.1

#### **LTE:TDD:CHANnel:PDS:TYPE**

Syntax: LTE:TDD:CHANnel:PDS:TYPE

Parameter/Response:

Description: You can select the PDSCH Modulation Type in LTE TDD Signal Analyzer

Example: LTE:TDD:CHANnel:PDS:TYPE E-TM3.1

#### **LTE:FDD:CC#:CHANnel:PDS:TYPE**

Syntax: LTE:FDD:CC#:CHANnel:PDS:TYPE

Parameter/Response:

Description: You can select the PDSCH Modulation Type of Carrier Channel in LTE FDD Signal Analyzer

Example: LTE:FDD:CC05:CHANnel:PDS:TYPE E-TM3.1

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#### **LTE:TDD:CC#:CHANnel:PDS:TYPE**

Syntax: LTE:TDD:CC#:CHANnel:PDS:TYPE

Parameter/Response:

Description: You can select the PDSCH Modulation Type of Carrier Channel in LTE TDD Signal Analyzer

Example: LTE:TDD:CC05:CHANnel:PDS:TYPE E-TM3.1

#### **LTE:FDD:MAP:PLOT:TYPE**

Syntax: LTE:FDD:MAP:PLOT:TYPE

Parameter/Response:

Description: You can select GNSS or Position for the Plot point in Route Map measurement of LTE FDD Signal Analyzer

Example: LTE:FDD:MAP:PLOT:TYPE Position

#### **LTE:TDD:MAP:PLOT:TYPE**

Syntax: LTE:TDD:MAP:PLOT:TYPE

Parameter/Response:

Description: You can select GNSS or Position for the Plot point in Route Map measurement of LTE TDD Signal Analyzer

Example: LTE:TDD:MAP:PLOT:TYPE Position

#### **LTE:FDD:TRACe#:TYPE**

Syntax: LTE:FDD:TRACe#:TYPE

Parameter/Response:

Description: You can set On or Off the Trace in LTE FDD Signal Analyzer

Example: LTE:FDD:TRACe01:TYPE On

#### **LTE:TDD:TRACe#:TYPE**

Syntax: LTE:TDD:TRACe#:TYPE

Parameter/Response:

Description: You can set On or Off the Trace in LTE TDD Signal Analyzer

Example: LTE:TDD:TRACe01:TYPE On

#### **LTE:TDD:LINK:CONFIguration**

Syntax: LTE:TDD:LINK:CONFIguration

Parameter/Response:

Description: You can set uplink-downlink configuration in LTE TDD Signal Analyzer

Example: LTE:TDD:LINK:CONFIguration 5

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#### **LTE:FDD:SE:RANGe#:VBW**

Syntax: LTE:FDD:SE:RANGe#:VBW

Parameter/Response:

Description: You can set VBW value of Range# in Spurious Emissions measurement of LTE FDD Signal Analyzer

Example: LTE:FDD:SE:RANGe09:VBW 30 kHz

#### **LTE:TDD:SE:RANGe#:VBW**

Syntax: LTE:TDD:SE:RANGe#:VBW

Parameter/Response:

Description: You can set VBW value of Range# in Spurious Emissions measurement of LTE TDD Signal Analyzer

Example: LTE:TDD:SE:RANGe09:VBW 30 kHz

#### **LTE:FDD:TRACe#:INFOrmation:VBW**

Syntax: LTE:FDD:TRACe#:INFOrmation:VBW

Parameter/Response:

Description: You can set VBW information of Trace in LTE FDD Signal Analyzer

Example:

#### **LTE:TDD:TRACe#:INFOrmation:VBW**

Syntax: LTE:TDD:TRACe#:INFOrmation:VBW

Parameter/Response:

Description: You can set VBW information of Trace in LTE TDD Signal Analyzer

Example:

#### **LTE:FDD:CA:MARKer:VIEW**

Syntax: LTE:FDD:CA:MARKer:VIEW

Parameter/Response:

Description: You can set On or Off the Marker in Carrier Aggregation measurement of LTE FDD Signal Analyzer

Example: LTE:FDD:CA:MARKer:VIEW On

#### **LTE:TDD:CA:MARKer:VIEW**

Syntax: LTE:TDD:CA:MARKer:VIEW

Parameter/Response:

Description: You can set On or Off the Marker in Carrier Aggregation measurement of LTE TDD Signal Analyzer

Example: LTE:TDD:CA:MARKer:VIEW On

#### **LTE:FDD:MARKer#:VIEW**

Syntax: LTE:FDD:MARKer#:VIEW



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Parameter/Response:

Description: You can set On or Off the Marker in LTE FDD Signal Analyzer

Example: `LTE:FDD:MARKer01:VIEW Off`

#### **LTE:TDD:MARKer#:VIEW**

Syntax: `LTE:TDD:MARKer#:VIEW`

Parameter/Response:

Description: You can set On or Off the Marker in LTE TDD Signal Analyzer

Example: `LTE:TDD:MARKer01:VIEW Off`

#### **LTE:FDD:MARKer:CHANnel:CONTrol:VIEW**

Syntax: `LTE:FDD:MARKer:CHANnel:CONTrol:VIEW`

Parameter/Response:

Description: You can set On or Off the Marker in Control Channel measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:MARKer:CHANnel:CONTrol:VIEW On`

#### **LTE:TDD:MARKer:CHANnel:CONTrol:VIEW**

Syntax: `LTE:TDD:MARKer:CHANnel:CONTrol:VIEW`

Parameter/Response:

Description: You can set On or Off the Marker in Control Channel measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:MARKer:CHANnel:CONTrol:VIEW On`

#### **LTE:FDD:DAM:MARKer:VIEW**

Syntax: `LTE:FDD:DAM:MARKer:VIEW`

Parameter/Response:

Description: You can set On or Off the Marker in Data Allocation Map measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:DAM:MARKer:VIEW On`

#### **LTE:TDD:DAM:MARKer:VIEW**

Syntax: `LTE:TDD:DAM:MARKer:VIEW`

Parameter/Response:

Description: You can set On or Off the Marker in Data Allocation Map measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:DAM:MARKer:VIEW On`

#### **LTE:FDD:MARKer:CHANnel:DATA:VIEW**

Syntax: `LTE:FDD:MARKer:CHANnel:DATA:VIEW`

Parameter/Response:

Description: You can set On or Off the Marker View in Data Channel measurement of LTE FDD Signal Analyzer

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Example: `LTE:FDD:MARKer:CHANnel:DATA:VIEW On`

#### **LTE:TDD:MARKer:CHANnel:DATA:VIEW**

Syntax: `LTE:TDD:MARKer:CHANnel:DATA:VIEW`

Parameter/Response:

Description: You can set On or Off the Marker View in Data Channel measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:MARKer:CHANnel:DATA:VIEW On`

#### **LTE:FDD:SUBFrame:MARKer:VIEW**

Syntax: `LTE:FDD:SUBFrame:MARKer:VIEW`

Parameter/Response:

Description: You can set On or Off the Marker in Subframe measurement of LTE FDD Signal Analyzer

Example: `LTE:FDD:SUBFrame:MARKer:VIEW On`

#### **LTE:TDD:SUBFrame:MARKer:VIEW**

Syntax: `LTE:TDD:SUBFrame:MARKer:VIEW`

Parameter/Response:

Description: You can set On or Off the Marker in Subframe measurement of LTE TDD Signal Analyzer

Example: `LTE:TDD:SUBFrame:MARKer:VIEW On`

#### **LTE:FDD:TRACe#:VIEW**

Syntax: `LTE:FDD:TRACe#:VIEW`

Parameter/Response:

Description: You can set On or Off the Trace in LTE FDD Signal Analyzer

Example: `LTE:FDD:TRACe01:VIEW On`

#### **LTE:TDD:TRACe#:VIEW**

Syntax: `LTE:TDD:TRACe#:VIEW`

Parameter/Response:

Description: You can set On or Off the Trace in LTE TDD Signal Analyzer

Example: `LTE:TDD:TRACe01:VIEW On`

#### **LTE:FDD:CAPTure:IQ**

Syntax: `LTE:FDD:CAPTure:IQ`

Parameter/Response:

Description: You can Capture IQ data in designated file name of internal folder in Spectrum measurement of LTE/LTE-A FDD Analyzer.

Example: `LTE:FDD:CAPTure:IQ lte_fdd_data`

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### **LTE:TDD:CAPTure:IQ**

Syntax: LTE:TDD:CAPTure:IQ

Parameter/Response:

Description: You can Capture IQ data in designated file name of internal folder in Spectrum measurement of LTE/LTE-A TDD Analyzer

Example: LTE:TDD:CAPTure:IQ lte\_tdd\_data

### **LTE:FDD:CAPTure:IQ:STATus?**

Syntax: LTE:FDD:CAPTure:IQ:STATus?

Parameter/Response: -1 | 0 | 1

Description: You can check the Capture IQ data status in designated file name of internal folder in Spectrum measurement of LTE/LTE-A FDD Analyzer. Note that if the return is 0 or -1, the file is saved successfully and 1 means the file is saving.

Example: LTE:FDD:CAPTure:IQ:STATus

1

### **LTE:TDD:CAPTure:IQ:STATus?**

Syntax: LTE:TDD:CAPTure:IQ:STATus?

Parameter/Response: -1 | 0 | 1

Description: You can check the Capture IQ data status in designated file name of internal folder in Spectrum measurement of LTE/LTE-A TDD Analyzer. Note that if the return is 0 or -1, the file is saved successfully and 1 means the file is saving.

Example: LTE:TDD:CAPTure:IQ:STATus

1

### **LTE:FDD:ACP:INTEgration:LOWer#:ABSolute:POWer**

Syntax: LTE:FDD:ACP:INTEgration:LOWer#:ABSolute:POWer

Parameter/Response:

Example: LTE:FDD:ACP:INTEgration:LOWer05:ABSolute:POWer?

Description: You can query Integration Power of Lower Channel in Adjacent Channel Power measurement of LTE FDD Analyzer

### **LTE:FDD:ACP:INTEgration:LOWer#:JUDGE**

Syntax: LTE:FDD:ACP:INTEgration:LOWer#:JUDGE

Parameter/Response:

Example: LTE:FDD:ACP:INTEgration:LOWer05:JUDGE?

Description: You can query pass or fail for Integration Power of Lower Channel in Adjacent Channel Power measurement of LTE FDD Analyzer

### **LTE:FDD:ACP:INTEgration:LOWer#:RELative:POWer**

Syntax: LTE:FDD:ACP:INTEgration:LOWer#:RELative:POWer

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Parameter/Response:

Example: `LTE:FDD:ACP:INTEgration:LOWer05:RELative:POWer?`

Description: You can query Integration Relative Power of Lower Channel in Adjacent Channel Power measurement of LTE FDD Analyzer

#### **LTE:FDD:ACP:INTEgration:UPPer#:ABSolute:POWer**

Syntax: `LTE:FDD:ACP:INTEgration:UPPer#:ABSolute:POWer`

Parameter/Response:

Example: `LTE:FDD:ACP:INTEgration:UPPer05:ABSolute:POWer?`

Description: You can query Absolute Integration Power of Upper Channel in Adjacent Channel Power measurement of LTE FDD Analyzer

#### **LTE:FDD:ACP:INTEgration:UPPer#:JUDGe**

Syntax: `LTE:FDD:ACP:INTEgration:UPPer#:JUDGe`

Parameter/Response:

Example: `LTE:FDD:ACP:INTEgration:UPPer05:JUDGe?`

Description: You can query pass or fail for Integration Power of Upper Channel in Adjacent Channel Power measurement of LTE FDD Analyzer

#### **LTE:FDD:ACP:INTEgration:UPPer#:RELative:POWer**

Syntax: `LTE:FDD:ACP:INTEgration:UPPer#:RELative:POWer`

Parameter/Response:

Example: `LTE:FDD:ACP:INTEgration:UPPer05:RELative:POWer?`

Description: You can query Relative Integration Power of Upper Channel in Adjacent Channel Power measurement of LTE FDD Analyzer

#### **LTE:FDD:ACP:JUDGe**

Syntax: `LTE:FDD:ACP:JUDGe`

Parameter/Response:

Example: `LTE:FDD:ACP:JUDGe?`

Description: You can query pass or fail for Adjacent Channel Power measurement of LTE FDD Analyzer

#### **LTE:FDD:CA:EVM:QAM16:CC#**

Syntax: `LTE:FDD:CA:EVM:QAM16:CC#`

Parameter/Response:

Example: `LTE:FDD:CA:EVM:QAM16:CC05?`

Description: You can query QAM16 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

#### **LTE:FDD:CA:EVM:QAM256:CC#**

Syntax: `LTE:FDD:CA:EVM:QAM256:CC#`

Parameter/Response:

---

Example: `LTE:FDD:CA:EVM:QAM256:CC05?`

Description: You can query QAM256 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:FDD:CA:EVM:QAM64:CC#**

Syntax: `LTE:FDD:CA:EVM:QAM64:CC#`

Parameter/Response:

Example: `LTE:FDD:CA:EVM:QAM64:CC05?`

Description: You can query QAM64 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:FDD:CA:EVM:RS0:CC#:JUDGE**

Syntax: `LTE:FDD:CA:EVM:RS0:CC#:JUDGE`

Parameter/Response:

Example: `LTE:FDD:CA:EVM:RS0:CC05:JUDGE?`

Description: You can query pass or fail for RS0 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:FDD:CA:EVM:RS1:CC#:JUDGE**

Syntax: `LTE:FDD:CA:EVM:RS1:CC#:JUDGE`

Parameter/Response:

Example: `LTE:FDD:CA:EVM:RS1:CC05:JUDGE?`

Description: You can query pass or fail for RS1 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:FDD:CA:EVM:RS2:CC#:JUDGE**

Syntax: `LTE:FDD:CA:EVM:RS2:CC#:JUDGE`

Parameter/Response:

Example: `LTE:FDD:CA:EVM:RS2:CC05:JUDGE?`

Description: You can query pass or fail for RS2 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:FDD:CA:EVM:RS3:CC#:JUDGE**

Syntax: `LTE:FDD:CA:EVM:RS3:CC#:JUDGE`

Parameter/Response:

Example: `LTE:FDD:CA:EVM:RS3:CC05:JUDGE?`

Description: You can query pass or fail for RS3 EVM of Carrier Channel in Carrier Aggregation measurement of LTE FDD Analyzer

**LTE:FDD:CONStellation:DATA:EVM:PEAK:ACCumulate**

Syntax: `LTE:FDD:CONStellation:DATA:EVM:PEAK:ACCumulate`

Parameter/Response:

---

**Example:** `LTE:FDD:CONStellation:DATA:EVM:PEAK:ACCumulate?`  
**Description:** You can query pass or fail for Accumulated Data EVM Peak in Constellation measurement of LTE FDD Analyzer

**LTE:FDD:CONStellation:DATA:EVM:PEAK:JUDGe**

**Syntax:** `LTE:FDD:CONStellation:DATA:EVM:PEAK:JUDGe`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CONStellation:DATA:EVM:PEAK:JUDGe?`  
**Description:** You can query pass or fail for Data EVM Peak in Constellation measurement of LTE FDD Analyzer

**LTE:FDD:CONStellation:DATA:EVM:PEAK:NORMal**

**Syntax:** `LTE:FDD:CONStellation:DATA:EVM:PEAK:NORMal`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CONStellation:DATA:EVM:PEAK:NORMal?`  
**Description:** You can query Normal Data EVM Peak in Constellation measurement of LTE FDD Analyzer

**LTE:FDD:CONStellation:DATA:EVM:PEAK:SYMBol**

**Syntax:** `LTE:FDD:CONStellation:DATA:EVM:PEAK:SYMBol`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CONStellation:DATA:EVM:PEAK:SYMBol?`  
**Description:** You can query Data EVM Peak for Symbol in Constellation measurement of LTE FDD Analyzer

**LTE:FDD:CONStellation:DATA:EVM:RMS:ACCumulate**

**Syntax:** `LTE:FDD:CONStellation:DATA:EVM:RMS:ACCumulate`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CONStellation:DATA:EVM:RMS:ACCumulate?`  
**Description:** You can query Accumulated RMS Data EVM in Constellation measurement of LTE FDD Analyzer

**LTE:FDD:CONStellation:DATA:EVM:RMS:JUDGe**

**Syntax:** `LTE:FDD:CONStellation:DATA:EVM:RMS:JUDGe`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CONStellation:DATA:EVM:RMS:JUDGe?`  
**Description:** You can query pass or fail for RMS Data EVM in Constellation measurement of LTE FDD Analyzer

**LTE:FDD:CONStellation:DATA:EVM:RMS:NORMal**

**Syntax:** `LTE:FDD:CONStellation:DATA:EVM:RMS:NORMal`  
**Parameter/Response:**  
**Example:** `LTE:FDD:CONStellation:DATA:EVM:RMS:NORMal?`

---

Description: You can query Normal RMS Data EVM in Constellation measurement of LTE FDD Analyzer

#### **LTE:FDD:CONStellation:DATA:SIZE**

Syntax: LTE:FDD:CONStellation:DATA:SIZE

Parameter/Response:

Example: LTE:FDD:CONStellation:DATA:SIZE?

Description: You can query Data Size in Constellation measurement of LTE FDD Analyzer

#### **LTE:FDD:CONStellation:FREQuency:ERRor:HZ**

Syntax: LTE:FDD:CONStellation:FREQuency:ERRor:HZ

Parameter/Response:

Example: LTE:FDD:CONStellation:FREQuency:ERRor:HZ?

Description: You can query Frequency Error in Hz in Constellation measurement of LTE FDD Analyzer

#### **LTE:FDD:CONStellation:FREQuency:ERRor:JUDGe**

Syntax: LTE:FDD:CONStellation:FREQuency:ERRor:JUDGe

Parameter/Response:

Example: LTE:FDD:CONStellation:FREQuency:ERRor:JUDGe?

Description: You can query pass or fail for Frequency Error in Constellation measurement of LTE FDD Analyzer

#### **LTE:FDD:CONStellation:FREQuency:ERRor:PPM**

Syntax: LTE:FDD:CONStellation:FREQuency:ERRor:PPM

Parameter/Response:

Example: LTE:FDD:CONStellation:FREQuency:ERRor:PPM?

Description: You can query Frequency Error in ppm in Constellation measurement of LTE FDD Analyzer

#### **LTE:FDD:CONStellation:TIME:ERRor**

Syntax: LTE:FDD:CONStellation:TIME:ERRor

Parameter/Response:

Example: LTE:FDD:CONStellation:TIME:ERRor?

Description: You can query Time Error of Constellation measurement of LTE FDD Analyzer

#### **LTE:FDD:CONStellation:TIME:ERRor:JUDGe**

Syntax: LTE:FDD:CONStellation:TIME:ERRor:JUDGe

Parameter/Response:

Example: LTE:FDD:CONStellation:TIME:ERRor:JUDGe?

---

Description: You can query pass or fail for Time Error of Constellation measurement of LTE FDD Analyzer

#### **LTE:FDD:FRAMe:DETECT:ANTenna0**

Syntax: LTE:FDD:FRAMe:DETECT:ANTenna0

Parameter/Response:

Example: LTE:FDD:FRAMe:DETECT:ANTenna0?

Description: You can query if Antenna0 is being detected for Frame measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:FRAMe:DETECT:ANTenna1**

Syntax: LTE:FDD:FRAMe:DETECT:ANTenna1

Parameter/Response:

Example: LTE:FDD:FRAMe:DETECT:ANTenna1?

Description: You can query if Antenna1 is being detected for Frame measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:FRAMe:DETECT:ANTenna2**

Syntax: LTE:FDD:FRAMe:DETECT:ANTenna2

Parameter/Response:

Example: LTE:FDD:FRAMe:DETECT:ANTenna2?

Description: You can query if Antenna2 is being detected for Frame measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:FRAMe:DETECT:ANTenna3**

Syntax: LTE:FDD:FRAMe:DETECT:ANTenna3

Parameter/Response:

Example: LTE:FDD:FRAMe:DETECT:ANTenna3?

Description: You can query if Antenna3 is being detected for Frame measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:FRAMe:DETECT:MBMS:NUMBER**

Syntax: LTE:FDD:FRAMe:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:FDD:FRAMe:DETECT:MBMS:NUMBER?

Description: You can query if MBMS Number is being detected for Frame measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:FRAMe:FREQUENCY:ERROR:HZ**

Syntax: LTE:FDD:FRAMe:FREQUENCY:ERROR:HZ

Parameter/Response:

Example: LTE:FDD:FRAMe:FREQUENCY:ERROR:HZ?



---

Description: You can query Frequency Error (Hz) for Frame measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:FRAMe:FREQuency:ERRor:JUDGe**

Syntax: LTE:FDD:FRAMe:FREQuency:ERRor:JUDGe

Parameter/Response:

Example: LTE:FDD:FRAMe:FREQuency:ERRor:JUDGe?

Description: You can query pass or fail for Frequency Error for Frame measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:FRAMe:FREQuency:ERRor:PPM**

Syntax: LTE:FDD:FRAMe:FREQuency:ERRor:PPM

Parameter/Response:

Example: LTE:FDD:FRAMe:FREQuency:ERRor:PPM?

Description: You can query Frequency Error (ppm) for Frame measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:FRAMe:MEASured:CFI**

Syntax: LTE:FDD:FRAMe:MEASured:CFI

Parameter/Response:

Example: LTE:FDD:FRAMe:MEASured:CFI?

Description: You can query Measured CFI in Frame measurement of LTE FDD Analyzer

#### **LTE:FDD:LINK:CONFIguration**

Syntax: LTE:FDD:LINK:CONFIguration

Parameter/Response:

Example: LTE:FDD:LINK:CONFIguration 5

Description: You can set uplink-downlink configuration in LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:EVM:PCFI**

Syntax: LTE:FDD:SUBFrame:EVM:PCFI

Parameter/Response:

Example: LTE:FDD:SUBFrame:EVM:PCFI?

Description: You can query PCFICH EVM in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:PDC**

Syntax: LTE:FDD:SUBFrame:EVM:PDC

Parameter/Response:

Example: LTE:FDD:SUBFrame:EVM:PDC?

---

Description: You can query PDCCH EVM in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:PHI**

Syntax: LTE:FDD:SUBFrame:EVM:PHI

Parameter/Response:

Example: LTE:FDD:SUBFrame:EVM:PHI?

Description: You can query PHICH EVM in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:PSS**

Syntax: LTE:FDD:SUBFrame:EVM:PSS

Parameter/Response:

Example: LTE:FDD:SUBFrame:EVM:PSS?

Description: You can query PSS EVM in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:PSS:JUDGE**

Syntax: LTE:FDD:SUBFrame:EVM:PSS:JUDGE

Parameter/Response:

Example: LTE:FDD:SUBFrame:EVM:PSS:JUDGE?

Description: You can query pass or fail for PSS EVM in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:DATA:EVM:RMS:JUDGE**

Syntax: LTE:FDD:SUBFrame:DATA:EVM:RMS:JUDGE

Parameter/Response:

Example: LTE:FDD:SUBFrame:DATA:EVM:RMS:JUDGE?

Description: You can query pass or fail for Data EVM RMS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:DATA:EVM:RMS:NORMAL**

Syntax: LTE:FDD:SUBFrame:DATA:EVM:RMS:NORMAL

Parameter/Response:

Example: LTE:FDD:SUBFrame:DATA:EVM:RMS:NORMAL?

Description: You can query Normal Data EVM RMS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:CHANNEL:POWER:RELATIVE:UNALLOCATED**

Syntax: LTE:FDD:SUBFrame:CHANNEL:POWER:RELATIVE:UNALLOCATED

Parameter/Response:

Example: LTE:FDD:SUBFrame:CHANNEL:POWER:RELATIVE:UNALLOCATED?

---

Description: You can query Relative Unallocated Channel Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:DATA:EVM:PEAK:ACCumulate**

Syntax: LTE:FDD:SUBFrame:DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Example: LTE:FDD:SUBFrame:DATA:EVM:PEAK:ACCumulate?

Description: You can query Accumulated Data EVM Peak in Subframe measurement of LTE TDD Signal Analyzer

#### **LTE:FDD:SUBFrame:DATA:EVM:PEAK:JUDGe**

Syntax: LTE:FDD:SUBFrame:DATA:EVM:PEAK:JUDGe

Parameter/Response:

Example: LTE:FDD:SUBFrame:DATA:EVM:PEAK:JUDGe?

Description: You can query pass or fail for Data EVM Peak in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:DATA:EVM:PEAK:NORMal**

Syntax: LTE:FDD:SUBFrame:DATA:EVM:PEAK:NORMal

Parameter/Response:

Example: LTE:FDD:SUBFrame:DATA:EVM:PEAK:NORMal?

Description: You can query Normal Data EVM Peak in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:DATA:EVM:PEAK:SYMBol**

Syntax: LTE:FDD:SUBFrame:DATA:EVM:PEAK:SYMBol

Parameter/Response:

Example: LTE:FDD:SUBFrame:DATA:EVM:PEAK:SYMBol?

Description: You can query Symbol Data EVM Peak in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:DATA:EVM:RMS:ACCumulate**

Syntax: LTE:FDD:SUBFrame:DATA:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:FDD:SUBFrame:DATA:EVM:RMS:ACCumulate?

Description: You can query Accumulated Data EVM RMS in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:DETECT:ANTenna0**

Syntax: LTE:FDD:SUBFrame:DETECT:ANTenna0

Parameter/Response:

Example: LTE:FDD:SUBFrame:DETECT:ANTenna0?

---

Description: You can query antenna0 being detected in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:DETECT:ANTenna1**

Syntax: LTE:FDD:SUBFrame:DETECT:ANTenna1

Parameter/Response:

Example: LTE:FDD:SUBFrame:DETECT:ANTenna1?

Description: You can query antenna1 being detected in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:DETECT:ANTenna2**

Syntax: LTE:FDD:SUBFrame:DETECT:ANTenna2

Parameter/Response:

Example: LTE:FDD:SUBFrame:DETECT:ANTenna2?

Description: You can query antenna2 being detected in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:DETECT:ANTenna3**

Syntax: LTE:FDD:SUBFrame:DETECT:ANTenna3

Parameter/Response:

Example: LTE:FDD:SUBFrame:DETECT:ANTenna3?

Description: You can query antenna3 being detected in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:DETECT:MBMS:NUMBER**

Syntax: LTE:FDD:SUBFrame:DETECT:MBMS:NUMBER

Parameter/Response:

Example: LTE:FDD:SUBFrame:DETECT:MBMS:NUMBER?

Description: You can query MBMS number being detected in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:EVM:MBMS**

Syntax: LTE:FDD:SUBFrame:EVM:MBMS

Parameter/Response:

Example: LTE:FDD:SUBFrame:EVM:MBMS?

Description: You can query MBMS EVM in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:POWER:MBMS**

Syntax: LTE:FDD:SUBFrame:POWER:MBMS

Parameter/Response:

Example: LTE:FDD:SUBFrame:POWER:MBMS?

---

Description: You can query MBMS Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:POWer:OFDM:SYMBol:JUDGe**

Syntax: LTE:FDD:SUBFrame:POWer:OFDM:SYMBol:JUDGe

Parameter/Response:

Example: LTE:FDD:SUBFrame:POWer:OFDM:SYMBol:JUDGe?

Description: You can query pass or fail for OFDM Symbol Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:POWer:PB**

Syntax: LTE:FDD:SUBFrame:POWer:PB

Parameter/Response:

Example: LTE:FDD:SUBFrame:POWer:PB?

Description: You can query PBCH Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:POWer:PCFI**

Syntax: LTE:FDD:SUBFrame:POWer:PCFI

Parameter/Response:

Example: LTE:FDD:SUBFrame:POWer:PCFI?

Description: You can query PCFICH Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:POWer:PDC**

Syntax: LTE:FDD:SUBFrame:POWer:PDC

Parameter/Response:

Example: LTE:FDD:SUBFrame:POWer:PDC?

Description: You can query PDCCH Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:POWer:PHI**

Syntax: LTE:FDD:SUBFrame:POWer:PHI

Parameter/Response:

Example: LTE:FDD:SUBFrame:POWer:PHI?

Description: You can query PHICH Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:POWer:PSS**

Syntax: LTE:FDD:SUBFrame:POWer:PSS

Parameter/Response:

Example: LTE:FDD:SUBFrame:POWer:PSS?

---

Description: You can query PSS Power in Subframe measurement of LTE FDD Signal Analyzer

#### **LTE:FDD:SUBFrame:POWer:RS**

Syntax: LTE:FDD:SUBFrame:POWer:RS

Parameter/Response:

Example: LTE:FDD:SUBFrame:POWer:RS?

Description: You can query Channel Power of RS in Subframe measurement of LTE FDD Analyzer

#### **LTE:FDD:SUBFrame:POWer:SSS**

Syntax: LTE:FDD:SUBFrame:POWer:SSS

Parameter/Response:

Example: LTE:FDD:SUBFrame:POWer:SSS?

Description: You can query SSS Power in Subframe measurement in LTE FDD Signal Analyzer

#### **LTE:FDD:TAE:JUDGe**

Syntax: LTE:FDD:TAE:JUDGe

Parameter/Response:

Example: LTE:FDD:TAE:JUDGe?

Description: You can query pass or fail for Time Alignment Error in LTE FDD Signal Analyzer

#### **LTE:FDD:TAE:MEASured:CFI**

Syntax: LTE:FDD:TAE:MEASured:CFI

Parameter/Response:

Example: LTE:FDD:TAE:MEASured:CFI?

Description: You can query Measured CFI in Time Alignment Error measurement of LTE FDD Signal Analyzer

#### **LTE:TDD:ACP:INTegration:LOWer#:ABSolute:POWer**

Syntax: LTE:TDD:ACP:INTegration:LOWer#:ABSolute:POWer

Parameter/Response:

Example: LTE:TDD:ACP:INTegration:LOWer05:ABSolute:POWer?

Description: You can query Integration Power of Lower Channel in Adjacent Channel Power measurement of LTE TDD Analyzer

#### **LTE:TDD:ACP:INTegration:LOWer#:JUDGe**

Syntax: LTE:TDD:ACP:INTegration:LOWer#:JUDGe

Parameter/Response:

Example: LTE:TDD:ACP:INTegration:LOWer05:JUDGe?

---

Description: You can query pass or fail for Integration Power of Lower Channel in Adjacent Channel Power measurement of LTE TDD Analyzer

**LTE:TDD:ACP:INTEgration:LOWer#:RELative:POWer**

Syntax: LTE:TDD:ACP:INTEgration:LOWer#:RELative:POWer

Parameter/Response:

Example: LTE:TDD:ACP:INTEgration:LOWer05:RELative:POWer?

Description: You can query Relative Integration Power of Lower Channel in Adjacent Channel Power measurement of LTE TDD Analyzer

**LTE:TDD:ACP:INTEgration:UPPer#:ABSolute:POWer**

Syntax: LTE:TDD:ACP:INTEgration:UPPer#:ABSolute:POWer

Parameter/Response:

Example: LTE:TDD:ACP:INTEgration:UPPer05:ABSolute:POWer?

Description: You can query Absolute Integration Power of Upper Channel in Adjacent Channel Power measurement of LTE TDD Analyzer

**LTE:TDD:ACP:INTEgration:UPPer#:JUDGe**

Syntax: LTE:TDD:ACP:INTEgration:UPPer#:JUDGe

Parameter/Response:

Example: LTE:TDD:ACP:INTEgration:UPPer05:JUDGe?

Description: You can query pass or fail for Integration Power of Upper Channel in Adjacent Channel Power measurement of LTE TDD Analyzer

**LTE:TDD:ACP:INTEgration:UPPer#:RELative:POWer**

Syntax: LTE:TDD:ACP:INTEgration:UPPer#:RELative:POWer

Parameter/Response:

Example: LTE:TDD:ACP:INTEgration:UPPer05:RELative:POWer?

Description: You can query Relative Integration Power of Upper Channel in Adjacent Channel Power measurement of LTE TDD Analyzer

**LTE:TDD:CONStellation:DATA:EVM:PEAK:ACCumulate**

Syntax: LTE:TDD:CONStellation:DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Example: LTE:TDD:CONStellation:DATA:EVM:PEAK:ACCumulate?

Description: You can query Accumulated Data EVM Peak in Constellation of LTE TDD Analyzer

**LTE:TDD:CONStellation:DATA:EVM:PEAK:JUDGe**

Syntax: LTE:TDD:CONStellation:DATA:EVM:PEAK:JUDGe

Parameter/Response:

Example: LTE:TDD:CONStellation:DATA:EVM:PEAK:JUDGe?

---

Description: You can query pass or fail for Data EVM Peak in Constellation of LTE TDD Analyzer

**LTE:TDD:CONStellation:DATA:EVM:PEAK:NORMal**

Syntax: LTE:TDD:CONStellation:DATA:EVM:PEAK:NORMal

Parameter/Response:

Example: LTE:TDD:CONStellation:DATA:EVM:PEAK:NORMal?

Description: You can query Data EVM Peak Normal in Constellation of LTE TDD Analyzer

**LTE:TDD:CONStellation:DATA:EVM:PEAK:SYMBol**

Syntax: LTE:TDD:CONStellation:DATA:EVM:PEAK:SYMBol

Parameter/Response:

Example: LTE:TDD:CONStellation:DATA:EVM:PEAK:SYMBol?

Description: You can query Data EVM Peak Symbol in Constellation of LTE TDD Analyzer

**LTE:TDD:CONStellation:DATA:EVM:RMS:ACCumulate**

Syntax: LTE:TDD:CONStellation:DATA:EVM:RMS:ACCumulate

Parameter/Response:

Example: LTE:TDD:CONStellation:DATA:EVM:RMS:ACCumulate?

Description: You can query Accumulated Data EVM RMS in Constellation of LTE TDD Analyzer

**LTE:TDD:CONStellation:DATA:EVM:RMS:JUDGE**

Syntax: LTE:TDD:CONStellation:DATA:EVM:RMS:JUDGE

Parameter/Response:

Example: LTE:TDD:CONStellation:DATA:EVM:RMS:JUDGE?

Description: You can query pass or fail for Data EVM RMS in Constellation of LTE TDD Analyzer

**LTE:TDD:CONStellation:DATA:EVM:RMS:NORMal**

Syntax: LTE:TDD:CONStellation:DATA:EVM:RMS:NORMal

Parameter/Response:

Example: LTE:TDD:CONStellation:DATA:EVM:RMS:NORMal?

Description: You can query Data EVM RMS Normal in Constellation of LTE TDD Analyzer

**LTE:TDD:CONStellation:DATA:SIZE**

Syntax: LTE:TDD:CONStellation:DATA:SIZE

Parameter/Response:

Example: LTE:FDD:CONStellation:DATA:SIZE?



---

Description: You can query Data Size in Constellation measurement of LTE TDD Analyzer

#### **LTE:TDD:CONStellation:FREQuency:ERRor:HZ**

Syntax: LTE:TDD:CONStellation:FREQuency:ERRor:HZ

Parameter/Response:

Example: LTE:TDD:CONStellation:FREQuency:ERRor:HZ?

Description: You can query Frequency Error (Hz) in Constellation of LTE TDD Analyzer

#### **LTE:TDD:CONStellation:FREQuency:ERRor:JUDGe**

Syntax: LTE:TDD:CONStellation:FREQuency:ERRor:JUDGe

Parameter/Response:

Example: LTE:TDD:CONStellation:FREQuency:ERRor:JUDGe?

Description: You can query pass or fail for Frequency Error (ppm) in Constellation of LTE TDD Analyzer

#### **LTE:TDD:CONStellation:FREQuency:ERRor:PPM**

Syntax: LTE:TDD:CONStellation:FREQuency:ERRor:PPM

Parameter/Response:

Example: LTE:TDD:CONStellation:FREQuency:ERRor:PPM?

Description: You can query Frequency Error (ppm) in Constellation of LTE TDD Analyzer

#### **LTE:TDD:CONStellation:TIME:ERRor**

Syntax: LTE:TDD:CONStellation:TIME:ERRor

Parameter/Response:

Example: LTE:TDD:CONStellation:TIME:ERRor?

Description: You can query pass or fail for Time Error in Constellation of LTE TDD Analyzer

#### **LTE:TDD:CONStellation:TIME:ERRor:JUDGe**

Syntax: LTE:TDD:CONStellation:TIME:ERRor:JUDGe

Parameter/Response:

Example: LTE:TDD:CONStellation:TIME:ERRor:JUDGe?

Description: You can query pass or fail for Time Error in Constellation of LTE TDD Analyzer

## **TDD Auto Gated Spectrum Measurement Commands**

The commands described in this section concern the functions accessible to configure TDD Auto Gated Spectrum (TAGS) measurements such as Spectrum, Spectrogram, Persistent Spectrum, Persistent Spectrogram, RSSI, Interference

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Finder, and Radar Chart. All the commands are functions accessible with the Quick Access and Display tab key of the instrument.

#### **TAGS:CONFigure:RESEt**

Syntax: TAGS:CONFigure:RESEt

Parameter/Response:

Example: TAGS:CONFigure:RESEt

Description: You can reset configuration in TDD Auto Gated Spectrum Analyzer

#### **TAGS:CONFigure:RESEt:DEV**

Syntax: TAGS:CONFigure:RESEt:DEV

Parameter/Response:

Example: TAGS:CONFigure:RESEt:DEV

Description: You can preset configuration in TDD Auto Gated Spectrum Analyzer

#### **TAGS:IF:TRACe:DATA**

Syntax: TAGS:IF:TRACe:DATA

Parameter/Response:

Example: TAGS:IF:TRACe:DATA?

Description: You can query Trace Data in Interference Finder of TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer#:DELTA:RESUlt:POWEr**

Syntax: TAGS:MARKer#:DELTA:RESUlt:POWEr

Parameter/Response:

Example: TAGS:MARKer1:DELTA:RESUlt:POWEr?

Description: You can query Delta Marker Amplitude in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer#:RESUlt:POWEr**

Syntax: TAGS:MARKer#:RESUlt:POWEr

Parameter/Response:

Example: TAGS:MARKer1:RESUlt:POWEr?

Description: You can query Marker Amplitude in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer:MOVE:CENTer**

Syntax: TAGS:MARKer:MOVE:CENTer

Parameter/Response:

Example: TAGS:MARKer:MOVE:CENTer

Description: You can set Marker to move Center position in TDD Auto Gated Spectrum Analyzer

---

### **TAGS:MARKer:MOVE:START**

Syntax: TAGS:MARKer:MOVE:START

Parameter/Response:

Example: TAGS:MARKer:MOVE:START

Description: You can set Marker to move Start position in TDD Auto Gated Spectrum Analyzer

### **TAGS:MARKer:MOVE:STOP**

Syntax: TAGS:MARKer:MOVE:STOP

Parameter/Response:

Example: TAGS:MARKer:MOVE:STOP

Description: You can set Marker to move Stop position in TDD Auto Gated Spectrum Analyzer

### **TAGS:MARKer:OFF:ALL**

Syntax: TAGS:MARKer:OFF:ALL

Parameter/Response:

Example: TAGS:MARKer:OFF:ALL

Description: You can set All Marker Off in TDD Auto Gated Spectrum Analyzer

### **TAGS:MARKer:SEARCh:LEFT**

Syntax: TAGS:MARKer:SEARCh:LEFT

Parameter/Response:

Example: TAGS:MARKer:SEARCh:LEFT

Description: You can set Marker search to Left in TDD Auto Gated Spectrum Analyzer

### **TAGS:MARKer:SEARCh:MIN**

Syntax: TAGS:MARKer:SEARCh:MIN

Parameter/Response:

Example: TAGS:MARKer:SEARCh:MIN

Description: You can set Marker to Minimum Search in TDD Auto Gated Spectrum Analyzer

### **TAGS:MARKer:SEARCh:NEXT**

Syntax: TAGS:MARKer:SEARCh:NEXT

Parameter/Response:

Example: TAGS:MARKer:SEARCh:NEXT

Description: You can set Marker to Next Peak search in TDD Auto Gated Spectrum Analyzer

---

### **TAGS:MARKer:SEARch:PEAK**

Syntax: TAGS:MARKer:SEARch:PEAK

Parameter/Response:

Example: TAGS:MARKer:SEARch:PEAK

Description: You can set Marker search to Peak in TDD Auto Gated Spectrum Analyzer

### **TAGS:MARKer:SEARch:RIGHT**

Syntax: TAGS:MARKer:SEARch:RIGHT

Parameter/Response:

Example: TAGS:MARKer:SEARch:RIGHT

Description: You can set Marker search to Right in TDD Auto Gated Spectrum Analyzer

### **TAGS:PSGRam:TRACe:DATA**

Syntax: TAGS:PSGRam:TRACe:DATA

Parameter/Response:

Example: TAGS:PSGRam:TRACe:DATA?

Description: You can query Trace Data in Persistent Spectrogram of TDD Auto Gated Spectrum Analyzer

### **TAGS:PSPECTrum:TRACe:DATA**

Syntax: TAGS:PSPECTrum:TRACe:DATA

Parameter/Response:

Example: TAGS:PSPECTrum:TRACe:DATA?

Description: You can query Trace Data in Persistent Spectrum of TDD Auto Gated Spectrum Analyzer

### **TAGS:RADAR:TRACe:DATA**

Syntax: TAGS:RADAR:TRACe:DATA

Parameter/Response:

Example: TAGS:RADAR:TRACe:DATA?

Description: You can query Trace Data in Radar Chart of TDD Auto Gated Spectrum Analyzer

### **TAGS:RSSI:TRACe:DATA**

Syntax: TAGS:RSSI:TRACe:DATA

Parameter/Response:

Example: TAGS:RSSI:TRACe:DATA?

Description: You can query Trace Data in RSSI of TDD Auto Gated Spectrum Analyzer

---

### **TAGS:SCALE:AUTO**

Syntax: TAGS:SCALE:AUTO

Parameter/Response:

Example: TAGS:SCALE:AUTO

Description: You can set Auto for Scale TDD Auto Gated Spectrum Analyzer

### **TAGS:SWEEP:ONCE**

Syntax: TAGS:SWEEP:ONCE

Parameter/Response:

Example: TAGS:SWEEP:ONCE

Description: You can set to Sweep once TDD Auto Gated Spectrum Analyzer

### **TAGS:TRACE:CLEAR:ALL**

Syntax: TAGS:TRACE:CLEAR:ALL

Parameter/Response:

Example: TAGS:TRACE:CLEAR:ALL

Description: You can clear all traces in TDD Auto Gated Spectrum Analyzer

### **TAGS:TRACE:CAPTURE**

Syntax: TAGS:TRACE:CAPTURE

Parameter/Response:

Example: TAGS:TRACE:CAPTURE

Description: You can set Capture for Trace in TDD Auto Gated Spectrum Analyzer

### **TAGS:FREQUENCY:CENTER**

Syntax: TAGS:FREQUENCY:CENTER

Parameter/Response: 9 kHz - 6 GHz, 25 GHz - 40 GHz

Example: TAGS:FREQUENCY:CENTER 1200 MHz |

TAGS:FREQUENCY:CENTER?

Description: You can set center frequency in TDD Auto Gated Spectrum Analyzer Signal Analyzer

### **TAGS:FREQUENCY:SPAN**

Syntax: TAGS:FREQUENCY:SPAN

Parameter/Response: 0 - 100 MHz

Example: TAGS:FREQUENCY:SPAN 10.0 MHz | TAGS:FREQUENCY:SPAN?

Description: You can set and query span frequency in TDD Auto Gated Spectrum Analyzer

---

### **TAGS:FREQuency:STEP**

Syntax: TAGS:FREQuency:STEP

Parameter/Response: 1 Hz - 1 GHz

Example: TAGS:FREQuency:STEP 1 MHz | TAGS:FREQuency:STEP?

Description: You can set or query Frequency step in TDD Auto Gated Spectrum Analyzer

### **TAGS:FREQuency:OFFSet**

Syntax: TAGS:FREQuency:OFFSet

Parameter/Response: -25 GHz - 40 GHz

Example: TAGS:FREQuency:OFFSet 150 kHz |  
TAGS:FREQuency:OFFSet?

Description: You can set or query offset frequency in TDD Auto Gated Spectrum Analyzer

### **TAGS:FREQuency:UNIT**

Syntax: TAGS:FREQuency:UNIT

Parameter/Response:

Example: TAGS:FREQuency:UNIT Frequency | TAGS:FREQuency:UNIT?

Description: You can set or query frequency unit in TDD Auto Gated Spectrum Analyzer

### **TAGS:CHANnel:NUMBER**

Syntax: TAGS:CHANnel:NUMBER

Parameter/Response: -1, 1 - 256

Example: TAGS:CHANnel:NUMBER 1 | TAGS:CHANnel:NUMBER?

Description: You can set or query Channel Number TDD Auto Gated Spectrum Analyzer

### **TAGS:CHANnel:STEP**

Syntax: TAGS:CHANnel:STEP

Parameter/Response: 1 - 100

Example: TAGS:CHANnel:STEP | TAGS:CHANnel:STEP?

Description: You can set Channel Step in TDD Auto Gated Spectrum Analyzer

### **TAGS:CHANnel:LINK**

Syntax: TAGS:CHANnel:LINK

Parameter/Response: DownLink|UpLink

Example: TAGS:CHANnel:LINK DownLink | TAGS:CHANnel:LINK?

Description: You can set or query Channel Link in TDD Auto Gated Spectrum Analyzer

---

### **TAGS:CHANnel:STANdard**

Syntax: TAGS:CHANnel:STANdard

Parameter/Response: CDMA Band 0 (800)| ... LTE-FDD Band 1 (2100)| ...

Example: TAGS:CHANnel:STANdard 10 | TAGS:CHANnel:STANdard?

Description: You can set Channel Standard in TDD Auto Gated Spectrum Analyzer

### **TAGS:AMPlitude:REFeRence**

Syntax: TAGS:AMPlitude:REFeRence

Parameter/Response: -120 - 100

Example: TAGS:AMPlitude:REFeRence 20 |

TAGS:AMPlitude:REFeRence?

Description: You can set or query Amplitude Reference in TDD Auto Gated Spectrum Analyzer

### **TAGS:AMPlitude:ATTenuation**

Syntax: TAGS:AMPlitude:ATTenuation

Parameter/Response: 0 - 55

Example: TAGS:AMPlitude:ATTenuation 10 |

TAGS:AMPlitude:ATTenuation?

Description: You can set or query attenuation value in TDD Auto Gated Spectrum Analyzer

### **TAGS:AMPlitude:MODE**

Syntax: TAGS:AMPlitude:MODE

Parameter/Response: Auto|Couple|Manual

Example: TAGS:AMPlitude:MODE Manual

Description: You can set or query Amplitude mode in TDD Auto Gated Spectrum Analyzer

### **TAGS:AMPlitude:PREAmp:FIRSt**

Syntax: TAGS:AMPlitude:PREAmp:FIRSt

Parameter/Response: On|Off

Example: TAGS:AMPlitude:PREAmp:FIRSt On |

TAGS:AMPlitude:PREAmp:FIRSt?

Description: You can set on or off the First Preamplifier in TDD Auto Gated Spectrum Analyzer

### **TAGS:AMPlitude:PREAmp:SECOnd**

Syntax: TAGS:AMPlitude:PREAmp:SECOnd

Parameter/Response: On|Off

Example: TAGS:AMPlitude:PREAmp:SECOnd On |

TAGS:AMPlitude:PREAmp:SECOnd?

---

Description: You can set on or off the Second Preamp in TDD Auto Gated Spectrum Analyzer

#### **TAGS:AMPlitude:PREAmp:DNC:FIRSt**

Syntax: TAGS:AMPlitude:PREAmp:DNC:FIRSt

Parameter/Response: On|Off

Example: TAGS:AMPlitude:PREAmp:DNC:FIRSt On |

TAGS:AMPlitude:PREAmp:DNC:FIRSt?

Description: You can set on or off the First Preamp DNC in TDD Auto Gated Spectrum Analyzer

#### **TAGS:AMPlitude:PREAmp:AUTO**

Syntax: TAGS:AMPlitude:PREAmp:AUTO

Parameter/Response: On|Off

Example: TAGS:AMPlitude:PREAmp:AUTO On

Description: You can set Auto Preamp on or off in TDD Auto Gated Spectrum Analyzer

#### **TAGS:AMPlitude:EXTErnal**

Syntax: TAGS:AMPlitude:EXTErnal

Parameter/Response: -120.0 ~ 120.0 dB

Example: TAGS:AMPlitude:EXTErnal 10.0 |

TAGS:AMPlitude:EXTErnal?

Description: You can set or query External Amplitude in TDD Auto Gated Spectrum Analyzer

#### **TAGS:AMPlitude:EXTErnal:MODE**

Syntax: TAGS:AMPlitude:EXTErnal:MODE

Parameter/Response: On|Off

Example: TAGS:AMPlitude:EXTErnal:MODE On |

TAGS:AMPlitude:EXTErnal:MODE?

Description: You can set External Offset Mode in TDD Auto Gated Spectrum Analyzer

#### **TAGS:AMPlitude:SCALE**

Syntax: TAGS:AMPlitude:SCALE

Parameter/Response: 1.0 ~ 20.0 dB

Example: TAGS:AMPlitude:SCALE 5 | TAGS:AMPlitude:SCALE?

Description: You can set Scale Division in TDD Auto Gated Spectrum Analyzer

#### **TAGS:AMPlitude:UNIT**

Syntax: TAGS:AMPlitude:UNIT

Parameter/Response: dBm|dBV|dBmV|dBuV|V|W



---

**Example:** TAGS:AMPlitude:UNIT dBV | TAGS:AMPlitude:UNIT?  
**Description:** You can set or query Amplitude Unit in TDD Auto Gated Spectrum Analyzer

### **TAGS:AVERage**

**Syntax:** TAGS:AVERage  
**Parameter/Response:** 1 - 100  
**Example:** TAGS:AVERage 10 | TAGS:AVERage?  
**Description:** You can set or query Average Number in TDD Auto Gated Spectrum Analyzer

### **TAGS:TRAcE:SElect**

**Syntax:** TAGS:TRAcE:SElect  
**Parameter/Response:** Trace01|Trace02|Trace03|Trace04|Trace05|Trace06  
**Example:** TAGS:TRAcE:SElect Trace02 | TAGS:TRAcE:SElect?  
**Description:** You can select Trace in TDD Auto Gated Spectrum Analyzer

### **TAGS:TRAcE#:MODE**

**Syntax:** TAGS:TRAcE#:MODE  
**Parameter/Response:** On|Off  
**Example:** TAGS:TRAcE2:MODE On | TAGS:TRAcE2:MODE?  
**Description:** You can set or query Trace Mode in TDD Auto Gated Spectrum Analyzer

### **TAGS:TRAcE#:TYPE**

**Syntax:** TAGS:TRAcE#:TYPE  
**Parameter/Response:** Off|ClearWrite|Capture|Max|Min||Load|Calculate  
**Example:** TAGS:TRAcE2:TYPE ClearWrite | TAGS:TRAcE2:TYPE?  
**Description:** You can set or query Trace Type in TDD Auto Gated Spectrum Analyzer

### **TAGS:TRAcE:INFOrmation**

**Syntax:** TAGS:TRAcE:INFOrmation  
**Parameter/Response:** None|Trace01|Trace02|Trace03|Trace04|Trace05|Trace06  
**Example:** TAGS:TRAcE:INFOrmation Trace02 | TAGS:TRAcE:INFOrmation?  
**Description:** You can set or query Trace Information in TDD Auto Gated Spectrum Analyzer

### **TAGS:TRAcE:HOLD:TIME**

**Syntax:** TAGS:TRAcE:HOLD:TIME  
**Parameter/Response:** 0 - 100  
**Example:** TAGS:TRAcE:HOLD:TIME 10 | TAGS:TRAcE:HOLD:TIME?

---

Description: You can set Hold Time for max/min Trace in TDD Auto Gated Spectrum Analyzer

#### **TAGS:TRAcE#:INFOrmation:AVERage**

Syntax: TAGS:TRAcE#:INFOrmation:AVERage

Parameter/Response:

Example: TAGS:TRAcE2:INFOrmation:AVERage?

Description: You can get average information of trace# in TDD Auto Gated Spectrum Analyzer

#### **TAGS:TRAcE#:INFOrmation:PREAmp1**

Syntax: TAGS:TRAcE#:INFOrmation:PREAmp1

Parameter/Response:

Example: TAGS:TRAcE2:INFOrmation:PREAmp1?

Description: You can query trace preamp1 information in TDD Auto Gated Spectrum Analyzer

#### **TAGS:TRAcE#:INFOrmation:ATTenuation**

Syntax: TAGS:TRAcE#:INFOrmation:ATTenuation

Parameter/Response:

Example: TAGS:TRAcE2:INFOrmation:ATTenuation?

Description: You can get attenuation information of Trace# in TDD Auto Gated Spectrum Analyzer

#### **TAGS:TRAcE#:INFOrmation:EXTernal**

Syntax: TAGS:TRAcE#:INFOrmation:EXTernal

Parameter/Response:

Example: TAGS:TRAcE2:INFOrmation:EXTernal?

Description: You can get External Offset Information of Trace# in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer:SElect**

Syntax: TAGS:MARKer:SElect

Parameter/Response:

Marker01|Marker02|Marker03|Marker04|Marker05|Marker06

Example: TAGS:MARKer:SElect Marker02 | TAGS:MARKer:SElect?

Description: You can select Marker in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer:FREQuency:COUNt**

Syntax: TAGS:MARKer:FREQuency:COUNt

Parameter/Response: On|Off

Example: TAGS:MARKer:FREQuency:COUNt On |

TAGS:MARKer:FREQuency:COUNt?

---

Description: You can set or query marker frequency count on or off in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer#**

Syntax: TAGS:MARKer#

Parameter/Response: On|Off

Example: TAGS:MARKer2 On | TAGS:MARKer2?

Description: You can set or query Marker# in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer#:TYPE**

Syntax: TAGS:MARKer#:TYPE

Parameter/Response: Normal,Delta,DeltaPair

Example: TAGS:MARKer2:TYPE Delta | TAGS:MARKer2:TYPE?

Description: You can set or query Marker Type in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer#:FREQuency**

Syntax: TAGS:MARKer#:FREQuency

Parameter/Response: 9 kHz - 6 GHz, 25 GHz - 40 GHz

Example: TAGS:MARKer2:FREQuency 1 GHz |  
TAGS:MARKer2:FREQuency?

Description: You can set frequency of marker# in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer#:DELTA:FREQuency**

Syntax: TAGS:MARKer#:DELTA:FREQuency

Parameter/Response: 9 kHz ~ 6 GHz, 25 GHz ~ 40GHz

Example: TAGS:MARKer2:DELTA:FREQuency 100 MHz |  
TAGS:MARKer2:DELTA:FREQuency?

Description: You can set or query Delta Marker Frequency in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer#:DELTA:AMPLitude**

Syntax: TAGS:MARKer#:DELTA:AMPLitude

Parameter/Response: -120 - 100

Example: TAGS:MARKer2:DELTA:AMPLitude 100 |  
TAGS:MARKer2:DELTA:AMPLitude?

Description: You can set or query delta marker amplitude in TDD Auto Gated Spectrum Analyzer

#### **TAGS:MARKer#:ALWAYS**

Syntax: TAGS:MARKer#:ALWAYS

---

Parameter/Response: On|Off

Example: TAGS:MARKer2:ALWays On | TAGS:MARKer2:ALWays?

Description: You can set on/off or query Delta Marker Always in TDD Auto Gated Spectrum Analyzer

### **TAGS:SWEEp:TIME**

Syntax: TAGS:SWEEp:TIME

Parameter/Response: 1000 us to 200 sec

Example: TAGS:SWEEp:TIME 2000 us | TAGS:SWEEp:TIME?

Description: You can set or query sweep time in TDD Auto Gated Spectrum Analyzer

### **TAGS:SWEEp:TIME:MINImum:CURRent**

Syntax: TAGS:SWEEp:TIME:MINImum:CURRent

Parameter/Response: 1000 us to 200 sec

Example: TAGS:SWEEp:TIME:MINImum:CURRent 1000 us | TAGS:SWEEp:TIME:MINImum:CURRent?

Description: You can set or query current sweep minimum time in TDD Auto Gated Spectrum Analyzer

### **TAGS:SWEEp:TIME:MODE**

Syntax: TAGS:SWEEp:TIME:MODE

Parameter/Response: Auto|Manual

Example: TAGS:SWEEp:TIME:MODE Manual | TAGS:SWEEp:TIME:MODE?

Description: You can set or query sweep time mode in TDD Auto Gated Spectrum Analyzer

### **TAGS:SWEEp:MODE**

Syntax: TAGS:SWEEp:MODE

Parameter/Response: Continue|Single

Example: TAGS:SWEEp:MODE Single | TAGS:SWEEp:MODE?

Description: You can set Single or Continue for the Sweep mode in TDD Auto Gated Spectrum Analyzer

### **TAGS:SWEEp:TYPE**

Syntax: TAGS:SWEEp:TYPE

Parameter/Response: Normal|Fast

Example: TAGS:SWEEp:TYPE Fast | TAGS:SWEEp:TYPE?

Description: You can set or query sweep type in TDD Auto Gated Spectrum Analyzer

### **TAGS:SWEEp:HOLD**

Syntax: TAGS:SWEEp:HOLD

---

Parameter/Response: On|Off

Example: TAGS:SWEEp:HOLD On | TAGS:SWEEp:HOLD?

Description: You can set or query sweep hold in TDD Auto Gated Spectrum Analyzer

### **TAGS:TRIGger:MODE**

Syntax: TAGS:TRIGger:MODE

Parameter/Response: Free|External|GNSS|Video

Example: TAGS:TRIGger:MODE FreeRun | TAGS:TRIGger:MODE?

Description: You can set Internal, External or GNSS for the Trigger mode in TDD Auto Gated Spectrum Analyzer

### **TAGS:SSBBlockpattern**

Syntax: TAGS:SSBBlockpattern

Parameter/Response:

Example: TAGS:SSBBlockpattern CaseA

Description: You can set or query SS Block Pattern in TDD Auto Gated Spectrum Analyzer

### **TAGS:PERiodicity**

Syntax: TAGS:PERiodicity

Parameter/Response:

Example: TAGS:PERiodicity '20ms'

Description: You can set or query Periodicity in TDD Auto Gated Spectrum Analyzer

### **TAGS:PCI:MODE**

Syntax: TAGS:PCI:MODE

Parameter/Response:

Example: TAGS:PCI:MODE Auto

Description: You can set or query PCI Mode in TDD Auto Gated Spectrum Analyzer

### **TAGS:PCI**

Syntax: TAGS:PCI

Parameter/Response:

Example: TAGS:PCI 0

Description: You can query PCI in TDD Auto Gated Spectrum Analyzer

### **TAGS:HW:SOURce:CLOCK:SElect**

Syntax: TAGS:HW:SOURce:CLOCK:SElect

Parameter/Response:

Example: TAGS:HW:SOURce:CLOCK:SElect External

---

Description: You can set frequency reference from External, Internal, or GNSS in TDD Auto Gated Spectrum Analyzer

### **TAGS:TECHnology**

Syntax: TAGS:TECHnology

Parameter/Response: NR|LTE

Example: TAGS:TECHnology NR

Description: You can set Technology Mode in TDD Auto Gated Spectrum Analyzer

### **TAGS:LTE:SPECIAL**

Syntax: TAGS:LTE:SPECIAL

Parameter/Response: 0 - 9

Example: TAGS:LTE:SPECIAL 0

Description: You can set Special Subframe Assignment for LTE in TDD Auto Gated Spectrum Analyzer

### **TAGS:LTE:SUBFrame**

Syntax: TAGS:LTE:SUBFrame

Parameter/Response: 0 - 6

Example: TAGS:LTE:SUBFrame 0

Description: You can set Subframe Assignment for LTE in TDD Auto Gated Spectrum Analyzer

### **TAGS:RBW**

Syntax: TAGS:RBW

Parameter/Response: "0.015, 0.03, 0.06, 0.1, 0.12, 0.24, 1"

Example: TAGS:RBW 0.06 | TAGS:RBW?

Description: You can set or query resolution bandwidth in TDD Auto Gated Spectrum Analyzer

### **TAGS:BANDwidth**

Syntax: TAGS:BANDwidth

Parameter/Response:

Example: TAGS:BANDwidth 100 MHz

Description: You can set bandwidth in TDD Auto Gated Spectrum Analyzer

### **TAGS:LTE:BANDwidth**

Syntax: TAGS:LTE:BANDwidth

Parameter/Response: "Bandwidth14, Bandwidth3, Bandwidth5, Bandwidth10, Bandwidth15, Bandwidth20"

Example: TAGS:LTE:BANDwidth Bandwidth10

Description: You can set LTE bandwidth in TDD Auto Gated Spectrum Analyzer

---

### **TAGS:GSCN**

Syntax: TAGS:GSCN

Parameter/Response:

Example: TAGS:GSCN 2386

Description: You can set GSCN number in TDD Auto Gated Spectrum Analyzer

### **TAGS:SSB:CENTer**

Syntax: TAGS:SSB:CENTer

Parameter/Response:

Example: TAGS:SSB:CENTer 1000.00 MHz

Description: You can query SSB center frequency in TDD Auto Gated Spectrum Analyzer

### **TAGS:SSB:TYPE**

Syntax: TAGS:SSB:TYPE

Parameter/Response: Auto|Manual

Example: TAGS:SSB:TYPE Auto

Description: You can set SSB Auto Search Mode to Auto or Manual in TDD Auto Gated Spectrum Analyzer

### **TAGS:SSB:MODE**

Syntax: TAGS:SSB:MODE

Parameter/Response: Start|Stop

Example: TAGS:SSB:MODE Start

Description: You can set SSB Auto Search Mode to Start or Stop in TDD Auto Gated Spectrum Analyzer

### **TAGS:SIB1:MODE**

Syntax: TAGS:SIB1:MODE

Parameter/Response: Start|Stop

Example: TAGS:SIB1:MODE Start

Description: You can set SIB1 Search Mode to Start or Stop in TDD Auto Gated Spectrum Analyzer

### **TAGS:SSB:SCS**

Syntax: TAGS:SSB:SCS

Parameter/Response:

Example: TAGS:SSB:SCS 15 kHz

Description: You can set or query SS Block in TDD Auto Gated Spectrum Analyzer

---

### **TAGS:FREQuency:BAND**

Syntax: TAGS:FREQuency:BAND

Parameter/Response:

Example: TAGS:FREQuency:BAND FR1

Description: You can set or query Frequency Bandwidth in TDD Auto Gated Spectrum Analyzer

### **TAGS:LIMIt:DISPlay:LINE:MODE**

Syntax: TAGS:LIMIt:DISPlay:LINE:MODE

Parameter/Response: On|Off

Example: TAGS:LIMIt:DISPlay:LINE:MODE On |  
TAGS:LIMIt:DISPlay:LINE:MODE?

Description: You can set or query limit line mode in TDD Auto Gated Spectrum Analyzer

### **TAGS:LIMIt:DISPlay:LINE:AMPLitude**

Syntax: TAGS:LIMIt:DISPlay:LINE:AMPLitude

Parameter/Response: -120 - 100

Example: TAGS:LIMIt:DISPlay:LINE:AMPLitude -20 |  
TAGS:LIMIt:DISPlay:LINE:AMPLitude?

Description: You can set or query limit line power in TDD Auto Gated Spectrum Analyzer

### **TAGS:AMPLitude:LINearity**

Syntax: TAGS:AMPLitude:LINearity

Parameter/Response: Normal|High

Example: TAGS:AMPLitude:LINearity High

Description: You can set Linearity to Normal or High in TDD Auto Gated Spectrum Analyzer

### **TAGS:AMPLitude:LNA:MODE**

Syntax: TAGS:AMPLitude:LNA:MODE

Parameter/Response: On|Off

Example: TAGS:AMPLitude:LNA:MODE On

Description: You can set External LNA Mode to On or Off in TDD Auto Gated Spectrum Analyzer

### **TAGS:SYMBol:START**

Syntax: TAGS:SYMBol:START

Parameter/Response: 0 - 13

Example: TAGS:SYMBol:START 0

Description: You can set Start Symbol in TDD Auto Gated Spectrum Analyzer



---

### **TAGS:SYMBol:WIDTH**

Syntax: TAGS:SYMBol:WIDTH

Parameter/Response: 1 - 14

Example: TAGS:SYMBol:WIDTH 0

Description: You can set Symbol Width in TDD Auto Gated Spectrum Analyzer

### **TAGS:SYMBol:DL**

Syntax: TAGS:SYMBol:DL

Parameter/Response: 0 - 20

Example: TAGS:SYMBol:DL 0

Description: You can set Downlink Symbol in TDD Auto Gated Spectrum Analyzer

### **TAGS:SYMBol:UL**

Syntax: TAGS:SYMBol:UL

Parameter/Response: 0 - 20

Example: TAGS:SYMBol:UL 0

Description: You can set Uplink Symbol in TDD Auto Gated Spectrum Analyzer

### **TAGS:SLOT**

Syntax: TAGS:SLOT

Parameter/Response:

Example: TAGS:SLOT 0

Description: You can set Slot Number in TDD Auto Gated Spectrum Analyzer

### **TAGS:SLOT:PATT**

Syntax: TAGS:SLOT:PATT

Parameter/Response: 0 - 20

Example: TAGS:SLOT:PATT 0

Description: You can set Pattern2 Slot in TDD Auto Gated Spectrum Analyzer

### **TAGS:SLOT:DL**

Syntax: TAGS:SLOT:DL

Parameter/Response: 0 - 20

Example: TAGS:SLOT:DL 0

Description: You can set Downlink Slot in TDD Auto Gated Spectrum Analyzer

### **TAGS:SLOT:UL**

Syntax: TAGS:SLOT:UL

Parameter/Response: 0 - 20

Example: TAGS:SLOT:UL 0

---

Description: You can set Uplink Slot in TDD Auto Gated Spectrum Analyzer

#### **TAGS:SYMBolphase:TYPE**

Syntax: TAGS:SYMBolphase:TYPE

Parameter/Response:

Example: TAGS:SYMBolphase:TYPE Manual

Description: You can set Symbol Phase Compensation in TDD Auto Gated Spectrum Analyzer

#### **TAGS:RADiofrequency:CENTer**

Syntax: TAGS:RADiofrequency:CENTer

Parameter/Response:

Example: TAGS:RADiofrequency:CENTer 1000.00 MHz

Description: You can set radio frequency to center frequency in TDD Auto Gated Spectrum Analyzer

#### **TAGS:PORT:NTYPE:USE**

Syntax: TAGS:PORT:NTYPE:USE

Parameter/Response:

Example: TAGS:PORT:NTYPE:USE On

Description: You can set N-Type Port to on or off in TDD Auto Gated Spectrum Analyzer

#### **TAGS:SPECTrum:TRACe:DATA**

Syntax: TAGS:SPECTrum:TRACe:DATA

Parameter/Response:

Example: TAGS:SPECTrum:TRACe:DATA?

Description: You can query Trace Data in Spectrum Measurement of TDD Auto Gated Spectrum Analyzer

## **RFoCPRI Measurement Commands**

The commands described in this section concern the functions accessible to configure CPRI measurements such as Spectrum, Spectrogram and Spectrum Replay measurements. All the commands are functions accessible with the Quick Access and Display tab key of the instrument. Note that RRoCPRI measurement commands are supported for ONA-800 SPA06MA except for Calibraion related commands.

#### **CPRI:ACTivity:CHECK:DATA:PORT#**

Syntax: CPRI:ACTivity:CHECK:DATA:PORT#

Parameter/Response:

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Description: You can query data of activity check in RFoCPRI Interference Analyzer

Example: `CPRI:ACTivity:CHECK:DATA:PORT2?`

### **CPRI:ALARm:ENABLE**

Syntax: `CPRI:ALARm:ENABLE`

Parameter/Response: [Off | On]

Description: You can set On/Off or query Alarm Enable in RFoCPRI Interference Analyzer

Example: `CPRI:ALARm:ENABLE On`

### **CPRI:ALARm:LINE:LEVEL**

Syntax: `CPRI:ALARm:LINE:LEVEL`

Parameter/Response:

Description: You can set or query Alarm Reference Line in RFoCPRI Interference Analyzer

Example: `CPRI:ALARm:LINE:LEVEL -23.5`

### **CPRI:ALARm:MARKer:SElect**

Syntax: `CPRI:ALARm:MARKer:SElect`

Parameter/Response:

[Marker01 | Marker02 | Marker03 | Marker04 | Marker05 | Marker06]

Description: You can set or query Selected Marker for Alarm in RFoCPRI Interference Analyzer

Example: `CPRI:ALARm:MARKer:SElect MARKer Marker05`

### **CPRI:ALARm:VOLume**

Syntax: `CPRI:ALARm:VOLume`

Parameter/Response:

Description: You can set or query Alarm Volume in RFoCPRI Interference Analyzer

Example: `CPRI:ALARm:VOLume 5`

### **CPRI:AMPLitude:EXTErnal:MODE**

Syntax: `CPRI:AMPLitude:EXTErnal:MODE`

Parameter/Response: [Off | On]

Description: You can set On/Off the External Offset mode or query external offset mode in RFoCPRI Interference Analyzer

Example: `CPRI:AMPLitude:EXTErnal:MODE Off`

### **CPRI:AMPLitude:EXTernal**

Syntax: `CPRI:AMPLitude:EXTernal`

Parameter/Response:

---

Description: You can set or query External Offset in RFoCPRI Interference Analyzer

Example: `CPRI:AMPlitude:EXternal 20`

### **CPRI:AMPlitude:LEVelIng:AUTO**

Syntax: `CPRI:AMPlitude:LEVelIng:AUTO`

Parameter/Response:

Description: You can set or query Level for The Auto leveling in RFoCPRI Interference Analyzer

Example: `CPRI:AMPlitude:LEVelIng:AUTO 10`

### **CPRI:AMPlitude:REFerence**

Syntax: `CPRI:AMPlitude:REFerence`

Parameter/Response:

Description: You can set or query Amplitude Reference Level in RFoCPRI Interference Analyzer

Example: `CPRI:AMPlitude:REFerence -20`

### **CPRI:AMPlitude:SCALE**

Syntax: `CPRI:AMPlitude:SCALE`

Parameter/Response:

Description: You can set or query amplitude scale in RFoCPRI Interference Analyzer

Example: `CPRI:AMPlitude:SCALE 2`

### **CPRI:AMPlitude:UNIT**

Syntax: `CPRI:AMPlitude:UNIT`

Parameter/Response: `[dBm | dBV | dBmV | dBuV | V | W]`

Description: You can set or query Amplitude Scale Unit in RFoCPRI Interference Analyzer

Example: `CPRI:AMPlitude:UNIT dBmV`

### **CPRI:AVERage**

Syntax: `CPRI:AVERage`

Parameter/Response:

Description: You can set or query Average in RFoCPRI Interference Analyzer

Example: `CPRI:AVERage 10`

### **CPRI:CALCulate:TRACe5**

Syntax: `CPRI:CALCulate:TRACe5`

Parameter/Response:

Description: You can calculate T1-T2 and input the result value to T5 in RFoCPRI Interference Analyzer

---

Example: `CPRI:CALCulate:TRACe5`

### **CPRI:CALCulate:TRACe6**

Syntax: `CPRI:CALCulate:TRACe6`

Parameter/Response:

Description: You can calculate T2-T1 and input the result value to T6 in RFoCPRI Interference Analyzer

Example: `CPRI:CALCulate:TRACe6`

### **CPRI:CHANnel:LINK**

Syntax: `CPRI:CHANnel:LINK`

Parameter/Response: [DownLink | UpLink]

Description: You can set or query Channel Link in RFoCPRI Interference Analyzer

Example: `CPRI:CHANnel:LINK DownLink`

### **CPRI:CHANnel:NUMBer**

Syntax: `CPRI:CHANnel:NUMBer`

Parameter/Response:

Description: You can set or query Channel number in RFoCPRI Interference Analyzer

Example: `CPRI:CHANnel:NUMBer 12`

### **CPRI:CHANnel:STANdard**

Syntax: `CPRI:CHANnel:STANdard`

Parameter/Response:

Description: You can set or query Standard Number in RFoCPRI Interference Analyzer

Example: `CPRI:CHANnel:STANdard 201`

### **CPRI:CHANnel:STANdard:STRIng**

Syntax: `CPRI:CHANnel:STANdard:STRIng`

Parameter/Response:

Description: You can query Standard Name in RFoCPRI Interference Analyzer

Example: `CPRI:CHANnel:STANdard:STRIng?`

### **CPRI:CHANnel:STEP**

Syntax: `CPRI:CHANnel:STEP`

Parameter/Response:

Description: You can set or query Channel Step in RFoCPRI Interference Analyzer

Example: `CPRI:CHANnel:STEP 12`

---

### **CPRI:DELTA:MARKer#:FREQuency**

Syntax: CPRI:DELTA:MARKer#:FREQuency

Parameter/Response:

Description: You can set or query Delta Marker Frequency in RFoCPRI Interference Analyzer

Example: CPRI:DELTA:MARKer6:FREQuency 2000 MHz

### **CPRI:DELTA:MARKer#:FREQuency:RELAtive**

Syntax: CPRI:DELTA:MARKer#:FREQuency:RELAtive

Parameter/Response:

Description: You can set or query Delta Marker Relative Frequency in RFoCPRI Interference Analyzer

Example: CPRI:DELTA:MARKer6:FREQuency:RELAtive 2000 MHz

### **CPRI:DISPlay:LINE:LEVEL**

Syntax: CPRI:DISPlay:LINE:LEVEL

Parameter/Response:

Description: You can set or query Display line level in RFoCPRI Interference Analyzer

Example: CPRI:DISPlay:LINE:LEVEL 100

### **CPRI:DISPlay:LINE:MODE**

Syntax: CPRI:DISPlay:LINE:MODE

Parameter/Response: [Off | On]

Description: You can set On / Off or query Display line mode in RFoCPRI Interference Analyzer

Example: CPRI:DISPlay:LINE:MODE On

### **CPRI:FREQuency:CENTer**

Syntax: CPRI:FREQuency:CENTer

Parameter/Response:

Description: You can set or query Center frequency in RFoCPRI Interference Analyzer

Example: CPRI:FREQuency:CENTer 1.1 GHz

### **CPRI:FREQuency:STEP**

Syntax: CPRI:FREQuency:STEP

Parameter/Response:

Description: You can set or query frequency step in RFoCPRI Interference Analyzer

Example: CPRI:FREQuency:STEP 980 MHz

---

### **CPRI:IID:ENABLe**

Syntax: CPRI:IID:ENABLe

Parameter/Response: [Off | On]

Description: You can set On / Off or query Interference ID in RFoCPRI Interference Analyzer

Example: CPRI:IID:ENABLe On

### **CPRI:IID:THREshold**

Syntax: CPRI:IID:THREshold

Parameter/Response:

Description: You can set or query Threshold of Interference ID in RFoCPRI Interference Analyzer

Example: CPRI:IID:THREshold -90

### **CPRI:INFOrmation:TRACe#:AVERAge**

Syntax: CPRI:INFOrmation:TRACe#:AVERAge

Parameter/Response:

Description: You can query trace average number in RFoCPRI Interference Analyzer

Example: CPRI:INFOrmation:TRACe1:AVERAge?

### **CPRI:INFOrmation:TRACe#:DETEctor**

Syntax: CPRI:INFOrmation:TRACe#:DETEctor

Parameter/Response:

Description: You can query trace detector information in RFoCPRI Interference Analyzer

Example: CPRI:INFOrmation:TRACe1:DETEctor?

### **CPRI:INFOrmation:TRACe#:EXTErnal:OFFSet**

Syntax: CPRI:INFOrmation:TRACe#:EXTErnal:OFFSet

Parameter/Response:

Description: You can query trace external offset in RFoCPRI Interference Analyzer

Example: CPRI:INFOrmation:TRACe1:EXTErnal:OFFSet?

### **CPRI:INFOrmation:TRACe#:RBW**

Syntax: CPRI:INFOrmation:TRACe#:RBW

Parameter/Response:

Description: You can query trace RBW in RFoCPRI Interference Analyzer

Example: CPRI:INFOrmation:TRACe1:RBW?

---

### **CPRI:INFOrmation:TRACe#:VBW**

Syntax: CPRI:INFOrmation:TRACe#:VBW

Parameter/Response:

Description: You can query trace VBW in RFoCPRI Interference Analyzer

Example: CPRI:INFOrmation:TRACe1:VBW?

### **CPRI:LIMit:LINE:LEVEL**

Syntax: CPRI:LIMit:LINE:LEVEL

Parameter/Response:

Example: CPRI:LIMit:LINE:LEVEL 100

Description: You can set Limit Line Level in RFoCPRI Interference Analyzer

### **CPRI:LIMit:LINE:MODE**

Syntax: CPRI:LIMit:LINE:MODE

Parameter/Response:

Example: CPRI:LIMit:LINE:MODE On

Description: You can set Limit Line to On in RFoCPRI Interference Analyzer

### **CPRI:LIMit:OPTic:RX:HIGH:PORT0[1|2]**

Syntax: CPRI:LIMit:OPTic:RX:HIGH:PORT0[1|2]

Parameter/Response:

Description: You can set or query Rx Optic Power High Limit in RFoCPRI Interference Analyzer

Example: CPRI:LIMit:OPTic:RX:HIGH:PORT02?

### **CPRI:LIMit:OPTic:RX:LOW:PORT0[1|2]**

Syntax: CPRI:LIMit:OPTic:RX:LOW:PORT0[1|2]

Parameter/Response:

Description: You can set or query Rx Optic Power Low Limit in RFoCPRI Interference Analyzer

Example: CPRI:LIMit:OPTic:RX::LOW:PORT02?

### **CPRI:LIMit:OPTic:RX:MODE:PORT0[1|2]**

Syntax: CPRI:LIMit:OPTic:RX:MODE:PORT0[1|2]

Parameter/Response:

Description: You can set On/Off or query Rx Optic Power Limit Mode in RFoCPRI Interference Analyzer

Example: CPRI:LIMit:OPTic:RX:MODE:PORT02?

### **CPRI:LINK:PORT:SElect**

Syntax: CPRI:LINK:PORT:SElect



---

Parameter/Response: [Port1 | Port2]

Description: You can set or query port number in RFoCPRI Interference Analyzer

Example: CPRI:LINK:PORT:SElect Port2

### **CPRI:MARKer#:ALWAYS**

Syntax: CPRI:MARKer#:ALWAYS

Parameter/Response:

Description: You can set on or off or query marker always in RFoCPRI Interference Analyzer

Example: CPRI:MARKer6:ALWAYS On

### **CPRI:MARKer#:FREQuency**

Syntax: CPRI:MARKer#:FREQuency

Parameter/Response:

Description: You can set or query marker frequency in RFoCPRI Interference Analyzer

Example: CPRI:MARKer6:FREQuency 3000

### **CPRI:MARKer#:SHAPE**

Syntax: CPRI:MARKer#:SHAPE

Parameter/Response:

Description: You can set or query marker shape in RFoCPRI Interference Analyzer

Example: CPRI:MARKer6:SHAPE HitMap

### **CPRI:MARKer#:TYPE**

Syntax: CPRI:MARKer#:TYPE

Parameter/Response:

Description: You can set or query marker type in RFoCPRI Interference Analyzer

Example: CPRI:MARKer6:TYPE DeltaPair

### **CPRI:MARKer#:VIEW**

Syntax: CPRI:MARKer#:VIEW

Parameter/Response:

Description: You can set On / Off or query marker view in RFoCPRI Interference Analyzer

Example: CPRI:MARKer#:VIEW On

### **CPRI:MARKer:MOVE:CENTer**

Syntax: CPRI:MARKer:MOVE:CENTer

Parameter/Response:

Description: You can set Center Frequency to Marker position in RFoCPRI Interference Analyzer

---

Example: CPRI:MARKer:MOVE:CENTer

#### **CPRI:MARKer:MOVE:START**

Syntax: CPRI:MARKer:MOVE:START

Parameter/Response:

Description: You can set Start Frequency to Marker position in RFoCPRI Interference Analyzer

Example: CPRI:MARKer:MOVE:START

#### **CPRI:MARKer:MOVE:STOP**

Syntax: CPRI:MARKer:MOVE:STOP

Parameter/Response:

Description: You can set Stop Frequency to Marker position in RFoCPRI Interference Analyzer

Example: CPRI:MARKer:MOVE:STOP

#### **CPRI:MARKer:OFF:ALL**

Syntax: CPRI:MARKer:OFF:ALL

Parameter/Response:

Description: You can set all markers off in RFoCPRI Interference Analyzer

Example: CPRI:MARKer:OFF:ALL

#### **CPRI:MARKer:SEARch:LEFT**

Syntax: CPRI:MARKer:SEARch:LEFT

Parameter/Response:

Description: You can set marker to left peak search in RFoCPRI Interference Analyzer

Example: CPRI:MARKer:SEARch:LEFT

#### **CPRI:MARKer:SEARch:MIN**

Syntax: CPRI:MARKer:SEARch:MIN

Parameter/Response:

Description: You can set marker to minimum search in RFoCPRI Interference Analyzer

Example: CPRI:MARKer:SEARch:MIN

#### **CPRI:MARKer:SEARch:NEXT**

Syntax: CPRI:MARKer:SEARch:NEXT

Parameter/Response:

Description: You can set marker to next peak search in RFoCPRI Interference Analyzer

Example: CPRI:MARKer:SEARch:NEXT

---

### **CPRI:MARKer:SEARch:PEAK**

Syntax: CPRI:MARKer:SEARch:PEAK

Parameter/Response:

Description: You can set marker to peak search in RFoCPRI Interference Analyzer

Example: CPRI:MARKer:SEARch:PEAK

### **CPRI:MARKer:SEARch:RIGHT**

Syntax: CPRI:MARKer:SEARch:RIGHT

Parameter/Response:

Description: You can set marker to right peak search in RFoCPRI Interference Analyzer

Example: CPRI:MARKer:SEARch:RIGHT

### **CPRI:MARKer:SElect**

Syntax: CPRI:MARKer:SElect

Parameter/Response: [Marker01 | Marker02 | Marker03 | Marker04 | Marker05 | Marker06]

Description: You can set or query marker selection in RFoCPRI Interference Analyzer

Example: CPRI:MARKer:SElect Marker2

### **CPRI:MEASure:RESEt**

Syntax: CPRI:MEASure:RESEt

Parameter/Response:

Description: You can reset measure in RFoCPRI Interference Analyzer

Example: CPRI:MEASure:RESEt

### **CPRI:PORT#:LASer:MODE**

Syntax: CPRI:PORT#:LASer:MODE

Parameter/Response:

Description: You can set On/Off or query laser mode of port# in RFoCPRI Interference Analyzer

Example: CPRI:PORT2:LASer:MODE Off

### **CPRI:PORT#:LINK:RATE**

Syntax: CPRI:PORT#:LINK:RATE

Parameter/Response:

Description: You can set or query Link Rate of port# in RFoCPRI Interference Analyzer

Example: CPRI:PORT2:LINK:RATE `2457.6`

---

### **CPRI:PORT#:THRU:MODE**

Syntax: CPRI:PORT#:THRU:MODE

Parameter/Response:

Description: You can set On/Off or query Thru Mode of port# in RFoCPRI Interference Analyzer

Example: CPRI:PORT2:THRU:MODE On

### **CPRI:PORT#:TX:CLOCK**

Syntax: CPRI:PORT#:TX:CLOCK

Parameter/Response:

Description: You can set or query Port Clock option among Internal, External or Recovered in RFoCPRI Interference Analyzer

Example: CPRI:PORT2:TX:CLOCK External

### **CPRI:PORT#:TYPE**

Syntax: CPRI:PORT#:TYPE

Parameter/Response:

Description: You can set or query Port Type in RFoCPRI Interference Analyzer

Example: CPRI:PORT2:TYPE External

### **CPRI:PRB:TABLE:MODE**

Syntax: CPRI:PRB:TABLE:MODE

Parameter/Response: [Off | On]

Description: You can set On/Off PRB Table or query PRB Table mode in RFoCPRI Interference Analyzer

Example: CPRI:PRB:TABLE:MODE On

### **CPRI:PRB:TABLE:SElect**

Syntax: CPRI:PRB:TABLE:SElect

Parameter/Response:

Description: You can select PRB Table in RFoCPRI Interference Analyzer

Example: CPRI:PRB:TABLE:SElect 99

### **CPRI:PRB:TABLE:SIZE**

Syntax: CPRI:PRB:TABLE:SIZE

Parameter/Response:

Description: You can query PRB Table size in RFoCPRI Interference Analyzer

Example: CPRI:PRB:TABLE:SElect 99

### **CPRI:PRESet**

Syntax: CPRI:PRESet

---

Parameter/Response:  
Description: You can Preset RFoCPRI Interference Analyzer  
Example: `CPRI:PRESet`

#### **CPRI:PRESet:MEASure**

Syntax: `CPRI:PRESet:MEASure`  
Parameter/Response:  
Description: You can Preset measure in RFoCPRI Interference Analyzer  
Example: `CPRI:PRESet:MEASure`

#### **CPRI:RBW:STRing**

Syntax: `CPRI:RBW:STRing`  
Parameter/Response: [100kHz | 30kHz | 10kHz | 7.5kHz]  
Description: You can set or query RBW to String in RFoCPRI Interference Analyzer  
Example: `CPRI:RBW:STRing '10kHz'`

#### **CPRI:REPLay:DIRection**

Syntax: `CPRI:REPLay:DIRection`  
Parameter/Response: [FWD | REV]  
Description: You can set Forward / Reverse or query Direction of Replay in Spectrum Replay mode of RFoCPRI Interference Analyzer  
Example: `CPRI:REPLay:DIRection REV`

#### **CPRI:REPLay:DISPlay:CHART:TYPE**

Syntax: `CPRI:REPLay:DISPlay:CHART:TYPE`  
Parameter/Response: [Spectrum | Spectrogram]  
Description: You can set Spectrum / Spectrogram or query Display chart in Spectrum Replay mode of RFoCPRI Interference Analyzer  
Example: `CPRI:REPLay:DISPlay:CHART:TYPE Spectrogram`

#### **CPRI:REPLay:FRAME:COUNT**

Syntax: `CPRI:REPLay:FRAME:COUNT`  
Parameter/Response:  
Description: You can set to move to or query current frame in Spectrum Replay mode of RFoCPRI Interference Analyzer  
Example: `CPRI:REPLay:FRAME:COUNT 99`

#### **CPRI:REPLay:FRAME:FAIL:COUNT**

Syntax: `CPRI:REPLay:FRAME:FAIL:COUNT`  
Parameter/Response:  
Description: You can set to move to or query current failed frame in Spectrum Replay mode of RFoCPRI Interference Analyzer

---

Example: `CPRI:REPLay:FRAMe:FAIL:COUNT 99`

### **CPRI:REPLay:INIT**

Syntax: `CPRI:REPLay:INIT`

Parameter/Response:

Description: You can Initialize Spectrum Replayer of RFoCPRI Interference Analyzer

Example: `CPRI:REPLay:INIT`

### **CPRI:REPLay:LOAD**

Syntax: `CPRI:REPLay:LOAD`

Parameter/Response:

Description: You can query to load a file in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: `CPRI:REPLay:LOAD file_path`

### **CPRI:REPLay:PAUse**

Syntax: `CPRI:REPLay:PAUse`

Parameter/Response:

Description: You can query to pause or stop playing data in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: `CPRI:REPLay:PAUse`

### **CPRI:REPLay:PLAY**

Syntax: `CPRI:REPLay:PLAY`

Parameter/Response:

Description: You can query to start playing in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: `CPRI:REPLay:PLAY`

### **CPRI:REPLay:SPEED**

Syntax: `CPRI:REPLay:SPEED`

Parameter/Response: `[x1 | x2 | x3 | x4]`

Description: You can set or query speed option among x1, x2, x3 and x4 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: `CPRI:REPLay:SPEED x4`

### **CPRI:REPLay:TIME:CURSOr:ENABLE**

Syntax: `CPRI:REPLay:TIME:CURSOr:ENABLE`

Parameter/Response: `[Off | On]`

Description: You can set On/Off or query Time Cursor in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: `CPRI:REPLay:TIME:CURSOr:ENABLE On`

---

### **CPRI:REPLay:TIME:CURSor:POSition**

Syntax: CPRI:REPLay:TIME:CURSor:POSition

Parameter/Response:

Description: You can set or query Time Cursor position in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLay:TIME:CURSor:POSition 25

### **CPRI:REPLayer:RX#:AVERage:CURRent**

Syntax: CPRI:REPLayer:RX#:AVERage:CURRent

Parameter/Response:

Description: You can query current average number of Rx# from Rx00 to Rx03 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX03:AVERage:CURRent?

### **CPRI:REPLayer:RX#:TRACe:DATA**

Syntax: CPRI:REPLayer:RX#:TRACe:DATA

Parameter/Response:

Description: You can query trace data of Rx# from Rx00 to Rx03 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX03:TRACe:DATA?

### **CPRI:REPLayer:RX01:MARKer#:FREQuency:DISPlay**

Syntax: CPRI:REPLayer:RX01:MARKer#:FREQuency:DISPlay

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx01 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX01:MARKer6:FREQuency:DISPlay?

### **CPRI:REPLayer:RX01:MARKer#:POSition**

Syntax: CPRI:REPLayer:RX01:MARKer#:POSition

Parameter/Response:

Description: You can query marker position of Rx01 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX01:MARKer6:POSition?

### **CPRI:REPLayer:RX01:MARKer#:POSition:DELTA**

Syntax: CPRI:REPLayer:RX01:MARKer#:POSition:DELTA

Parameter/Response:

Description: You can query delta marker position of Rx01 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX01:MARKer6:POSition:DELTA?

---

### **CPRI:REPLayer:RX02:MARKer#:FREQuency:DISPlay**

Syntax: CPRI:REPLayer:RX02:MARKer#:FREQuency:DISPlay

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx02 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX02:MARKer6:FREQuency:DISPlay?

### **CPRI:REPLayer:RX02:MARKer#:POSition**

Syntax: CPRI:REPLayer:RX02:MARKer#:POSition

Parameter/Response:

Description: You can query marker position of Rx02 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX02:MARKer6:POSition?

### **CPRI:REPLayer:RX02:MARKer#:POSition:DELTA**

Syntax: CPRI:REPLayer:RX02:MARKer#:POSition:DELTA

Parameter/Response:

Description: You can query delta marker position of Rx02 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX02:MARKer6:POSition:DELTA?

### **CPRI:REPLayer:RX03:MARKer#:FREQuency:DISPlay**

Syntax: CPRI:REPLayer:RX03:MARKer#:FREQuency:DISPlay

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx03 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX03:MARKer6:FREQuency:DISPlay?

### **CPRI:REPLayer:RX03:MARKer#:POSition**

Syntax: CPRI:REPLayer:RX03:MARKer#:POSition

Parameter/Response:

Description: You can query marker position of Rx03 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX03:MARKer6:POSition?

### **CPRI:REPLayer:RX03:MARKer#:POSition:DELTA**

Syntax: CPRI:REPLayer:RX03:MARKer#:POSition:DELTA

Parameter/Response:

Description: You can query delta marker position of Rx03 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX03:MARKer6:POSition:DELTA?



### **CPRI:REPLayer:RX00:MARKer#:FREQuency:DISPlay**

Syntax: CPRI:REPLayer:RX00:MARKer#:FREQuency:DISPlay

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx00 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX00:MARKer6:FREQuency:DISPlay?

### **CPRI:REPLayer:RX00:MARKer#:POSition**

Syntax: CPRI:REPLayer:RX00:MARKer#:POSition

Parameter/Response:

Description: You can query marker position of Rx00 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX00:MARKer6:POSition?

### **CPRI:REPLayer:RX00:MARKer#:POSition:DELTA**

Syntax: CPRI:REPLayer:RX00:MARKer#:POSition:DELTA

Parameter/Response:

Description: You can query delta marker position of Rx00 in Spectrum Replayer mode of RFoCPRI Interference Analyzer

Example: CPRI:REPLayer:RX00:MARKer6:POSition:DELTA?

### **CPRI:RX#:BAND:WIDTh**

Syntax: CPRI:RX#:BAND:WIDTh

Parameter/Response:

Description: You can set or query bandwidth of Rx# from Rx00 to Rx03 in RFoCPRI Interference Analyzer

Example: CPRI:RX03:BAND:WIDTh 10MHz (4AxC)



#### **NOTE:**

Bandwidth:

20MHz(8AxC),"20MHz(7AxC)","20MHz(6AxC)","20MHz(5AxC)","15MHz(6AxC)","15MHz(5AxC)","15MHz(4AxC)","10MHz(4AxC)","10MHz(3AxC)","5MHz(2AxC)","3MHz(1AxC)

### **CPRI:RX#:IQ:SAMPlE:WIDTh**

Syntax: CPRI:RX#:IQ:SAMPlE:WIDTh

Parameter/Response:

Description: You can set or query IQ Sample Width of Rx# from Rx00 to Rx03 in RFoCPRI Interference Analyzer

Example: CPRI:RX03:IQ:SAMPlE:WIDTh 15

### **CPRI:RX#:NEM:TYPE**

Syntax: CPRI:RX#:NEM:TYPE

Parameter/Response:

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Description: You can set or query NEM type of Rx# from Rx00 to Rx03 in RFoCPRI Interference Analyzer

Example: `CPRI:RX4:NEM:TYPE ZTE`



**NOTE:**

TYPE: Alcatel-Lucent, Ericsson(UL), Ericsson(DL), EricssonNEW(UL), EricssonNEW(DL), Huawei(UL), Huawei(DL), Samsung, ZTE.

**CPRI:RX#:PORT:**

Syntax: `CPRI:RX#:PORT:`

Parameter/Response:

Description: You can set or query Port Number of Rx# from Rx00 to Rx03 in RFoCPRI Interference Analyzer

Example: `CPRI:RX03:PORT Port2`

**CPRI:RX#:STUFFing:BIT**

Syntax: `CPRI:RX#:STUFFing:BIT`

Parameter/Response:

Description: You can set or query Stuffing Bit of Rx# from Rx00 to Rx03 in RFoCPRI Interference Analyzer

Example: `CPRI:RX03:STUFFing:BIT 0`

**CPRI:RX#:EXPonent:BIT**

Syntax: `CPRI:RX#:EXPonent:BIT`

Parameter/Response:

Example: `CPRI:RX03:EXPonent:BIT 0`

Description: You can set or query Exponent Bit of Rx# from Rx00 to Rx03 in RFoCPRI Interference Analyzer

**CPRI:RX#:TECHnology**

Syntax: `CPRI:RX#:TECHnology`

Parameter/Response:

Description: You can set or query Network Technology of Rx# from Rx00 to Rx03 in RFoCPRI Interference Analyzer

Example: `CPRI:RX03:TECHnology GSM/EDGE`

**CPRI:RX00:AXC#:POSition**

Syntax: `CPRI:RX00:AXC#:POSition`

Parameter/Response:

Description: You can set or query AxC position of Rx00 in RFoCPRI Interference Analyzer

Example: `CPRI:RX00:AXC8:POSition 735`

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### **CPRI:RX01:AXC#:POSition**

Syntax: CPRI:RX01:AXC#:POSition

Parameter/Response:

Description: You can set or query AxC position of Rx01 in RFoCPRI Interference Analyzer

Example: CPRI:RX01:AXC8:POSition 735

### **CPRI:RX02:AXC#:POSition**

Syntax: CPRI:RX02:AXC#:POSition

Parameter/Response:

Description: You can set or query AxC position of Rx02 in RFoCPRI Interference Analyzer

Example: CPRI:RX02:AXC8:POSition 735

### **CPRI:RX03:AXC#:POSition**

Syntax: CPRI:RX03:AXC#:POSition

Parameter/Response:

Description: You can set or query AxC position of Rx03 in RFoCPRI Interference Analyzer

Example: CPRI:RX03:AXC8:POSition 735

### **CPRI:SCALE:AUTO**

Syntax: CPRI:SCALE:AUTO

Parameter/Response:

Description: You can set Auto Scale to set reference level automatically in RFoCPRI Interference Analyzer

Example: CPRI:SCALE:AUTO

### **CPRI:SFP:DIAGnostic:BYTE:PORT#**

Syntax: CPRI:SFP:DIAGnostic:BYTE:PORT#

Parameter/Response:

Description: You can query SFP's Diagnostic Byte in RFoCPRI Interference Analyzer

Example: CPRI:SFP:DIAGnostic:BYTE:PORT02?

### **CPRI:SFP:MAXimum:LEVel:RX:PORT#**

Syntax: CPRI:SFP:MAXimum:LEVel:RX:PORT#

Parameter/Response:

Description: You can query SFP's maximum Rx level in RFoCPRI Interference Analyzer

Example: CPRI:SFP:MAXimum:LEVel:RX:PORT02?

---

### **CPRI:SFP:MAXimum:LEVel:TX:PORT#**

Syntax: CPRI:SFP:MAXimum:LEVel:TX:PORT#

Parameter/Response:

Description: You can query SFP's maximum Tx level in RFoCPRI Interference Analyzer

Example: CPRI:SFP:MAXimum:LEVel:TX:PORT02?

### **CPRI:SFP:MAXimum:RATE:PORT#**

Syntax: CPRI:SFP:MAXimum:RATE:PORT#

Parameter/Response:

Description: You can query SFP's maximum rate in RFoCPRI Interference Analyzer

Example: CPRI:SFP:MAXimum:RATE:PORT02?

### **CPRI:SFP:MINimum:RATE:PORT#**

Syntax: CPRI:SFP:MINimum:RATE:PORT#

Parameter/Response:

Description: You can query SFP's minimum rate in RFoCPRI Interference Analyzer

Example: CPRI:SFP:MINimum:RATE:PORT02?

### **CPRI:SFP:POWER:LEVel:TYPE:PORT#**

Syntax: CPRI:SFP:POWER:LEVel:TYPE:PORT#

Parameter/Response:

Description: You can query SFP's power level type in RFoCPRI Interference Analyzer

Example: CPRI:SFP:POWER:LEVel:TYPE:PORT02?

### **CPRI:SFP:VENDor:NAME:PORT#**

Syntax: CPRI:SFP:VENDor:NAME:PORT#

Parameter/Response:

Description: You can query SFP's vendor in RFoCPRI Interference Analyzer

Example: CPRI:SFP:VENDor:NAME:PORT02?

### **CPRI:SFP:VENDor:PN:PORT#**

Syntax: CPRI:SFP:VENDor:PN:PORT#

Parameter/Response:

Description: You can query SFP's vendor PN in RFoCPRI Interference Analyzer

Example: CPRI:SFP:VENDor:PN:PORT02?

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### **CPRI:SFP:VENDor:REVision:PORT#**

Syntax: CPRI:SFP:VENDor:REVision:PORT#

Parameter/Response:

Description: You can query SFP's Vendor Revision in RFoCPRI Interference Analyzer

Example: CPRI:SFP:VENDor:REVision:PORT02?

### **CPRI:SFP:WAVE:LENGth:PORT#**

Syntax: CPRI:SFP:WAVE:LENGth:PORT#

Parameter/Response:

Description: You can query SFP's Wave Length in RFoCPRI Interference Analyzer

Example: CPRI:SFP:WAVE:LENGth:PORT02?

### **CPRI:SOUNd:INDicator:REFeRence:LINE:LEVel**

Syntax: CPRI:SOUNd:INDicator:REFeRence:LINE:LEVel

Parameter/Response:

Description: You can set or query Reference Line of Sound Indicator in RFoCPRI Interference Analyzer

Example: CPRI:SOUNd:INDicator:REFeRence:LINE:LEVel -10

### **CPRI:SOUNd:INDicator:REFeRence:MODE**

Syntax: CPRI:SOUNd:INDicator:REFeRence:MODE

Parameter/Response: [Marker | Line]

Description: You can set or query Reference mode of Sound Indicator in RFoCPRI Interference Analyzer

Example: CPRI:SOUNd:INDicator:REFeRence:MODE Line

### **CPRI:SOUNd:INDicator:SOUNd:MODE**

Syntax: CPRI:SOUNd:INDicator:SOUNd:MODE

Parameter/Response: [Off | On]

Description: You can set On/Off or query Sound mode of Sound Indicator in RFoCPRI Interference Analyzer

Example: CPRI:SOUNd:INDicator:SOUNd:MODE Off

### **CPRI:SOUNd:INDicator:SOUNd:VOLume**

Syntax: CPRI:SOUNd:INDicator:SOUNd:VOLume

Parameter/Response:

Description: You can set or query Sound Volume of Sound Indicator in RFoCPRI Interference Analyzer

Example: CPRI:SOUNd:INDicator:SOUNd:VOLume 8

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### **CPRI:AUTO:CONFig:CARRier:SElect**

Syntax: CPRI:AUTO:CONFig:CARRier:SElect

Parameter/Response:

Example: CPRI:AUTO:CONFig:CARRier:SElect 01

Description: You can set carrier number for CPRI Auto Configuration in RFoCPRI Interference Analyzer

### **CPRI:AUTO:CONFig:ITEM**

Syntax: CPRI:AUTO:CONFig:ITEM

Parameter/Response:

Example: CPRI:AUTO:CONFig:ITEM?

Description: You can query Item for CPRI Auto Configuration in RFoCPRI Interference Analyzer

### **CPRI:AUTO:CONFig:ITEM#:ANTenna**

Syntax: CPRI:AUTO:CONFig:ITEM#:ANTenna

Parameter/Response:

Example: CPRI:AUTO:CONFig:ITEM02:ANTenna?

Description: You can set Item number of antenna for CPRI Auto Configuration in RFoCPRI Interference Analyzer

### **CPRI:AUTO:CONFig:ITEM#:BANDwidth**

Syntax: CPRI:AUTO:CONFig:ITEM#:BANDwidth

Parameter/Response: 20MHz(8AxC) | 20MHz(7AxC) | 20MHz(6AxC) | 20MHz(5AxC) | 15MHz(6AxC) | 15MHz(5AxC) | 15MHz(4AxC) | 10MHz(4AxC) | 10MHz(3AxC) | 5MHz(2AxC) | 3MHz(1AxC)

Example: CPRI:AUTO:CONFig:ITEM02:BANDwidth?

Description: You can set bandwidth for CPRI Auto Configuration in RFoCPRI Interference Analyzer

### **CPRI:AUTO:CONFig:ITEM#:CARRier**

Syntax: CPRI:AUTO:CONFig:ITEM#:CARRier

Parameter/Response:

Example: CPRI:AUTO:CONFig:ITEM02:CARRier?

Description: You can query carrier item number for CPRI Auto Configuration in RFoCPRI Interference Analyzer

### **CPRI:AUTO:CONFig:ITEM#:EXPonent**

Syntax: CPRI:AUTO:CONFig:ITEM#:EXPonent

Parameter/Response:

Example: CPRI:AUTO:CONFig:ITEM02:EXPonent?

---

Description: You can query item number of Exponent for CPRI Auto Configuration in RFoCPRI Interference Analyzer

#### **CPRI:AUTO:CONFig:ITEM#:FREQuency:CENTer**

Syntax: CPRI:AUTO:CONFig:ITEM#:FREQuency:CENTer

Parameter/Response:

Example: CPRI:AUTO:CONFig:ITEM02:FREQuency:CENTer?

Description: You can query Center Frequency of item number for CPRI Auto Configuration in RFoCPRI Interference Analyzer

#### **CPRI:AUTO:CONFig:ITEM#:IQ:SAMPlE**

Syntax: CPRI:AUTO:CONFig:ITEM#:IQ:SAMPlE

Parameter/Response:

Example: CPRI:AUTO:CONFig:ITEM02:IQ:SAMPlE?

Description: You can query IQ Sample of item number for CPRI Auto Configuration in RFoCPRI Interference Analyzer

#### **CPRI:AUTO:CONFig:ITEM#:NEM**

Syntax: CPRI:AUTO:CONFig:ITEM#:NEM

Parameter/Response: None | Alcatel-Lucent | Ericsson(UL) | Ericsson(DL) | EricssonNEW(UL) | EricssonNEW(DL) | Huawei(UL) | Huawei(DL) | Samsung | ZTE

Example: CPRI:AUTO:CONFig:ITEM02:NEM?

Description: You can query NEM of item number for CPRI Auto Configuration in RFoCPRI Interference Analyzer

#### **CPRI:AUTO:CONFig:ITEM#:PORT**

Syntax: CPRI:AUTO:CONFig:ITEM#:PORT

Parameter/Response: Port1 | Port2

Example: CPRI:AUTO:CONFig:ITEM02:PORT?

Description: You can query port of item number for CPRI Auto Configuration in RFoCPRI Interference Analyzer

#### **CPRI:AUTO:CONFig:ITEM#:STUFFing**

Syntax: CPRI:AUTO:CONFig:ITEM#:STUFFing

Parameter/Response:

Example: CPRI:AUTO:CONFig:ITEM02:STUFFing?

Description: You can query Stuffing of item number for CPRI Auto Configuration in RFoCPRI Interference Analyzer

#### **CPRI:AUTO:CONFig:ITEM#:TECHnology**

Syntax: CPRI:AUTO:CONFig:ITEM#:TECHnology

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Parameter/Response: LTE | WCDMA

Example: CPRI:AUTO:CONFIg:ITEM02:TECHnology?

Description: You can query Technology of item number for CPRI Auto Configuration in RFoCPRI Interference Analyzer

#### **CPRI:INTerference:RESult:GRAB**

Syntax: CPRI:INTerference:RESult:GRAB

Parameter/Response:

Example: CPRI:INTerference:RESult:GRAB

Description: You can recall Interference result for CPRI Auto Configuration in RFoCPRI Interference Analyzer

#### **CPRI:PIM:RESult:GRAB**

Syntax: CPRI:PIM:RESult:GRAB

Parameter/Response:

Example: CPRI:PIM:RESult:GRAB

Description: You can recall PIM result for CPRI Auto Configuration in RFoCPRI Interference Analyzer

#### **CPRI:SPECTrogram:TRAcE:TYPE**

Syntax: CPRI:SPECTrogram:TRAcE:TYPE

Parameter/Response: [ClearWrite | Max | Min]

Description: You can set or query Trace Type of Spectrogram in RFoCPRI Interference Analyzer

Example: CPRI:SPECTogram:TRAcE:TYPE Max

#### **CPRI:SPECTro:GRAM:CHART:NUMBer**

Syntax: CPRI:SPECTro:GRAM:CHART:NUMBer

Parameter/Response: [Single | Dual]

Description: You can set or query Chart number of Spectrogram in RFoCPRI Interference Analyzer

Example: CPRI:SPECTro:GRAM:CHART:NUMBer Dual

#### **CPRI:SPECTro:GRAM:CHART:TYPE**

Syntax: CPRI:SPECTro:GRAM:CHART:TYPE

Parameter/Response: [Normal | Waterfall]

Description: You can set or query Chart Type of Spectrogram in RFoCPRI Interference Analyzer

Example: CPRI:SPECTro:GRAM:CHART:TYPE Waterfall

#### **CPRI:SPECTro:GRAM:CURSOr:COUNT**

Syntax: CPRI:SPECTro:GRAM:CURSOr:COUNT

Parameter/Response:



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Description: You can query location of Time Cursor of Spectrogram in RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:CURSor:COUNT?`

#### **CPRI:SPECTro:GRAM:CURSor:DATE**

Syntax: `CPRI:SPECTro:GRAM:CURSor:DATE`

Parameter/Response:

Description: You can query Date of Time Cursor of Spectrogram in RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:CURSor:DATE?`

#### **CPRI:SPECTro:GRAM:CURSor:GNSS:LOCation**

Syntax: `CPRI:SPECTro:GRAM:CURSor:GNSS:LOCation`

Parameter/Response:

Description: You can query GNSS location of Time Cursor in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:CURSor:GNSS:LOCation?`

#### **CPRI:SPECTro:GRAM:CURSor:TIME**

Syntax: `CPRI:SPECTro:GRAM:CURSor:TIME`

Parameter/Response:

Description: You can query Time of Time Cursor in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:CURSor:TIME?`

#### **CPRI:SPECTro:GRAM:PRB:TABLE#:NUMBER**

Syntax: `CPRI:SPECTro:GRAM:PRB:TABLE#:NUMBER`

Parameter/Response:

Description: You can query number of bar of PRB table in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:PRB:TABLE02:NUMBER?`

#### **CPRI:SPECTro:GRAM:PRB:TABLE#:POWER:CURRENT**

Syntax: `CPRI:SPECTro:GRAM:PRB:TABLE#:POWER:CURRENT`

Parameter/Response:

Description: You can query current power of PRB table in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:PRB:TABLE02:POWER:CURRENT?`

#### **CPRI:SPECTro:GRAM:PRB:TABLE#:POWER:MAXimum**

Syntax: `CPRI:SPECTro:GRAM:PRB:TABLE#:POWER:MAXimum`

Parameter/Response:

---

Description: You can query maximum power of PRB table in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:PRB:TABLE02:POWer:MAXimum?`

#### **CPRI:SPECTro:GRAM:PRB:TABLE#:POWer:MINimum**

Syntax: `CPRI:SPECTro:GRAM:PRB:TABLE#:POWer:MINimum`

Parameter/Response:

Description: You can query minimum power of PRB table in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:PRB:TABLE02:POWer:MINimum?`

#### **CPRI:SPECTro:GRAM:RX#:AVERage:CURRent**

Syntax: `CPRI:SPECTro:GRAM:RX#:AVERage:CURRent`

Parameter/Response:

Description: You can query current average number of Rx# from Rx00 to Rx03 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX03:AVERage:CURRent?`

#### **CPRI:SPECTro:GRAM:RX#:TRACe:DATA**

Syntax: `CPRI:SPECTro:GRAM:RX#:TRACe:DATA`

Parameter/Response:

Description: You can query trace data of Rx# from Rx00 to Rx03 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX03:TRACe:DATA?`

#### **CPRI:SPECTro:GRAM:RX#:MARKer#:FREQuency:DISPlay**

Syntax: `CPRI:SPECTro:GRAM:RX#:MARKer#:FREQuency:DISPlay`

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx# from Rx00 to Rx03 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX#:MARKer6:FREQuency:DISPlay?`

#### **CPRI:SPECTro:GRAM:RX01:MARKer#:POSition**

Syntax: `CPRI:SPECTro:GRAM:RX01:MARKer#:POSition`

Parameter/Response:

Description: You can query marker position of Rx01 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX01:MARKer6:POSition?`

#### **CPRI:SPECTro:GRAM:RX01:MARKer#:POSition:DELTA**

Syntax: `CPRI:SPECTro:GRAM:RX01:MARKer#:POSition:DELTA`

Parameter/Response:

---

Description: You can query delta marker position of Rx01 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX01:MARKer6:POSition:DELta?`

#### **CPRI:SPECTro:GRAM:RX02:MARKer#:FREQuency:DISPlay**

Syntax: `CPRI:SPECTro:GRAM:RX02:MARKer#:FREQuency:DISPlay`

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx02 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX02:MARKer6:FREQuency:DISPlay?`

#### **CPRI:SPECTro:GRAM:RX02:MARKer#:POSition**

Syntax: `CPRI:SPECTro:GRAM:RX02:MARKer#:POSition`

Parameter/Response:

Description: You can query marker position of Rx02 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX02:MARKer6:POSition?`

#### **CPRI:SPECTro:GRAM:RX02:MARKer#:POSition:DELta**

Syntax: `CPRI:SPECTro:GRAM:RX02:MARKer#:POSition:DELta`

Parameter/Response:

Description: You can query delta marker position of Rx02 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX02:MARKer6:POSition:DELta?`

#### **CPRI:SPECTro:GRAM:RX03:MARKer#:FREQuency:DISPlay**

Syntax: `CPRI:SPECTro:GRAM:RX03:MARKer#:FREQuency:DISPlay`

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx03 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX03:MARKer6:FREQuency:DISPlay?`

#### **CPRI:SPECTro:GRAM:RX03:MARKer#:POSition**

Syntax: `CPRI:SPECTro:GRAM:RX03:MARKer#:POSition`

Parameter/Response:

Description: You can query marker position of Rx03 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX03:MARKer6:POSition?`

#### **CPRI:SPECTro:GRAM:RX03:MARKer#:POSition:DELta**

Syntax: `CPRI:SPECTro:GRAM:RX03:MARKer#:POSition:DELta`

Parameter/Response:

---

Description: You can query delta marker position of Rx03 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX03:MARKer6:POSition:DELta?`

#### **CPRI:SPECTro:GRAM:RX00:MARKer#:FREQuency:DISPlay**

Syntax: `CPRI:SPECTro:GRAM:RX00:MARKer#:FREQuency:DISPlay`

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx00 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX00:MARKer6:FREQuency:DISPlay?`

#### **CPRI:SPECTro:GRAM:RX00:MARKer#:POSition**

Syntax: `CPRI:SPECTro:GRAM:RX00:MARKer#:POSition`

Parameter/Response:

Description: You can query marker position of Rx00 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX00:MARKer6:POSition?`

#### **CPRI:SPECTro:GRAM:RX00:MARKer#:POSition:DELta**

Syntax: `CPRI:SPECTro:GRAM:RX00:MARKer#:POSition:DELta`

Parameter/Response:

Description: You can query delta marker position of Rx00 in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:RX00:MARKer6:POSition:DELta?`

#### **CPRI:SPECTro:GRAM:TIME:CURSor:INTERval**

Syntax: `CPRI:SPECTro:GRAM:TIME:CURSor:INTERval`

Parameter/Response:

Description: You can set or query Time cursor Interval in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:TIME:CURSor:INTERval 10`

#### **CPRI:SPECTro:GRAM:TIME:CURSor:MODE**

Syntax: `CPRI:SPECTro:GRAM:TIME:CURSor:MODE`

Parameter/Response: [Off | On]

Description: You can set On/Off or query Time Cursor mode in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:TIME:CURSor:MODE On`

#### **CPRI:SPECTro:GRAM:TIME:CURSor:POSition**

Syntax: `CPRI:SPECTro:GRAM:TIME:CURSor:POSition`

Parameter/Response:

---

Description: You can set or query Position of Time Cursor in Spectrogram of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTro:GRAM:TIME:CURSor:POSition 11`

### **CPRI:SPECTrum:CHART:NUMBer**

Syntax: `CPRI:SPECTrum:CHART:NUMBer`

Parameter/Response: [Single | Dual | Quad]

Description: You can set or query Chart number in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:CHART:NUMBer Quad`

### **CPRI:SPECTrum:CHART:SElect**

Syntax: `CPRI:SPECTrum:CHART:SElect`

Parameter/Response: [Rx00 | Rx01 | Rx02 | Rx03]

Description: You can set or query to select a chart in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:CHART:SElect Rx03`

### **CPRI:SPECTrum:CHART:SElect:SECond**

Syntax: `CPRI:SPECTrum:CHART:SElect:SECond`

Parameter/Response: [Rx00 | Rx01 | Rx02 | Rx03]

Description: You can set or query to select a second chart in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:CHART:SElect:SECond Rx03`

### **CPRI:SPECTrum:PRB:TABLE#:NUMBer**

Syntax: `CPRI:SPECTrum:PRB:TABLE#:NUMBer`

Parameter/Response:

Description: You can query number of bar of PRB table in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:PRB:TABLE02:NUMBer?`

### **CPRI:SPECTrum:PRB:TABLE#:POWer:CURRent**

Syntax: `CPRI:SPECTrum:PRB:TABLE#:POWer:CURRent`

Parameter/Response:

Description: You can query current power of PRB table in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:PRB:TABLE02:POWer:CURRent?`

### **CPRI:SPECTrum:PRB:TABLE#:POWer:MAXimum**

Syntax: `CPRI:SPECTrum:PRB:TABLE#:POWer:MAXimum`

Parameter/Response:

---

Description: You can query maximum power of PRB table in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:PRB:TABLE02:POWer:MAXimum?`

#### **CPRI:SPECTrum:PRB:TABLE#:POWer:MINimum**

Syntax: `CPRI:SPECTrum:PRB:TABLE#:POWer:MINimum`

Parameter/Response:

Description: You can query minimum power of PRB table in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:PRB:TABLE02:POWer:MINimum?`

#### **CPRI:SPECTrum:RX#:AVERage:CURRent**

Syntax: `CPRI:SPECTrum:RX#:AVERage:CURRent`

Parameter/Response:

Description: You can query current average number of Rx# from Rx00 to Rx03 in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:RX03:AVERage:CURRent?`

#### **CPRI:SPECTrum:RX#:TRACe:DATA**

Syntax: `CPRI:SPECTrum:RX#:TRACe:DATA`

Parameter/Response:

Description: You can query trace data of Rx# Rx# from Rx00 to Rx03 in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:RX03:TRACe:DATA?`

#### **CPRI:SPECTrum:RX00:MARKer#:FREQuency:DISPlay**

Syntax: `CPRI:SPECTrum:RX00:MARKer#:FREQuency:DISPlay`

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx00 in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:RX00:MARKer6:FREQuency:DISPlay?`

#### **CPRI:SPECTrum:RX00:MARKer#:POSition**

Syntax: `CPRI:SPECTrum:RX00:MARKer#:POSition`

Parameter/Response:

Description: You can query marker position of Rx00 in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:RX00:MARKer6:POSition?`

#### **CPRI:SPECTrum:RX00:MARKer#:POSition:DELTA**

Syntax: `CPRI:SPECTrum:RX00:MARKer#:POSition:DELTA`

Parameter/Response:

---

Description: You can query Delta marker position of Rx00 in Spectrum of RFoCPRI Interference Analyzer

Example: CPRI:SPECTrum:RX00:MARKer6:POSition:DELTA?

#### **CPRI:SPECTrum:RX01:MARKer#:FREQuency:DISPlay**

Syntax: CPRI:SPECTrum:RX01:MARKer#:FREQuency:DISPlay

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx01 in Spectrum of RFoCPRI Interference Analyzer

Example: CPRI:SPECTrum:RX01:MARKer6:FREQuency:DISPlay?

#### **CPRI:SPECTrum:RX01:MARKer#:POSition**

Syntax: CPRI:SPECTrum:RX01:MARKer#:POSition

Parameter/Response:

Description: You can query marker position of Rx01 in Spectrum of RFoCPRI Interference Analyzer

Example: CPRI:SPECTrum:RX01:MARKer6:POSition?

#### **CPRI:SPECTrum:RX01:MARKer#:POSition:DELTA**

Syntax: CPRI:SPECTrum:RX01:MARKer#:POSition:DELTA

Parameter/Response:

Description: You can query Delta marker position of Rx01 in Spectrum of RFoCPRI Interference Analyzer

Example: CPRI:SPECTrum:RX01:MARKer6:POSition:DELTA?

#### **CPRI:SPECTrum:RX02:MARKer#:FREQuency:DISPlay**

Syntax: CPRI:SPECTrum:RX02:MARKer#:FREQuency:DISPlay

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx02 in Spectrum of RFoCPRI Interference Analyzer

Example: CPRI:SPECTrum:RX02:MARKer6:FREQuency:DISPlay?

#### **CPRI:SPECTrum:RX02:MARKer#:POSition**

Syntax: CPRI:SPECTrum:RX02:MARKer#:POSition

Parameter/Response:

Description: You can query marker position of Rx02 in Spectrum of RFoCPRI Interference Analyzer

Example: CPRI:SPECTrum:RX02:MARKer6:POSition?

#### **CPRI:SPECTrum:RX02:MARKer#:POSition:DELTA**

Syntax: CPRI:SPECTrum:RX02:MARKer#:POSition:DELTA

Parameter/Response:



---

Description: You can query Delta marker position of Rx02 in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:RX02:MARKer6:POSition:DELTA?`

### **CPRI:SPECTrum:RX03:MARKer#:FREQuency:DISPlay**

Syntax: `CPRI:SPECTrum:RX03:MARKer#:FREQuency:DISPlay`

Parameter/Response:

Description: You can query displayed frequency of marker# of Rx03 in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:RX03:MARKer6:FREQuency:DISPlay?`

### **CPRI:SPECTrum:RX03:MARKer#:POSition**

Syntax: `CPRI:SPECTrum:RX03:MARKer#:POSition`

Parameter/Response:

Description: You can query marker position of Rx03 in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:RX03:MARKer6:POSition?`

### **CPRI:SPECTrum:RX03:MARKer#:POSition:DELTA**

Syntax: `CPRI:SPECTrum:RX03:MARKer#:POSition:DELTA`

Parameter/Response:

Description: You can query Delta marker position of Rx03 in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:RX03:MARKer6:POSition:DELTA?`

### **CPRI:SPECTrum:SIGNAL**

Syntax: `CPRI:SPECTrum:SIGNAL`

Parameter/Response:

Description: You can query Interference ID Information in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:SIGNAL?`

### **CPRI:SPECTrum:SIGNAL:COUNT**

Syntax: `CPRI:SPECTrum:SIGNAL:COUNT`

Parameter/Response:

Description: You can Count the Number of Interference ID in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:SIGNAL:COUNT?`

### **CPRI:SPECTrum:SIGNAL:FREQuency**

Syntax: `CPRI:SPECTrum:SIGNAL:FREQuency`

Parameter/Response:



---

Description: You can query Signal Frequency in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:SIGNal:FREQuency?`

#### **CPRI:SPECTrum:SIGNal: POWER**

Syntax: `CPRI:SPECTrum:SIGNal: POWER`

Parameter/Response:

Description: You can query Signal Power in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:SIGNal: POWER?`

#### **CPRI:SPECTrum:SOUND:INDCator:JUDGe**

Syntax: `CPRI:SPECTrum:SOUND:INDCator:JUDGe`

Parameter/Response:

Description: You can query pass or fail for Sound Indicator in Spectrum of RFoCPRI Interference Analyzer

Example: `CPRI:SPECTrum:SOUND:INDCator:JUDGe?`

#### **CPRI:SWEEp:MODE**

Syntax: `CPRI:SWEEp:MODE`

Parameter/Response: [Continue | Single]

Description: You can set or query sweep mode between Continue and Single in RFoCPRI Interference Analyzer

Example: `CPRI:SWEEp:MODE Single?`

#### **CPRI:SWEEp:ONCE**

Syntax: `CPRI:SWEEp:ONCE`

Parameter/Response:

Description: You can set to Sweep Once in RFoCPRI Interference Analyzer

Example: `CPRI:SWEEp:ONCE`

#### **CPRI:TRACe:CAPTure**

Syntax: `CPRI:TRACe:CAPTure`

Parameter/Response:

Description: You can set to capture the selected trace in RFoCPRI Interference Analyzer

Example: `CPRI:TRACe:CAPTure`

#### **CPRI:TRACe:CLEAR:ALL**

Syntax: `CPRI:TRACe:CLEAR:ALL`

Parameter/Response:

Description: You can set Trace Clear All to remove all the traces in RFoCPRI Interference Analyzer

---

Example: `CPRI:TRACe:CLEAr:ALL`

### **CPRI:TRACe#:TYPE**

Syntax: `CPRI:TRACe#:TYPE`

Parameter/Response:

Description: You can set or query trace type in RFoCPRI Interference Analyzer

Example: `CPRI:TRACe6:TYPE Max`

### **CPRI:TRACe#:VIEW**

Syntax: `CPRI:TRACe#:VIEW`

Parameter/Response:

Description: You can set On/Off or query trace view in RFoCPRI Interference Analyzer

Example: `CPRI:TRACe6:VIEW On`

### **CPRI:TRACe:DETEctor**

Syntax: `CPRI:TRACe:DETEctor`

Parameter/Response: [Normal | Peak | RMS | NegativePeak | Sample]

Description: You can set or query Trace Detector option in RFoCPRI Interference Analyzer

Example: `CPRI:TRACe:DETEctor RMS`

### **CPRI:TRACe:HOLD:TIME**

Syntax: `CPRI:TRACe:HOLD:TIME`

Parameter/Response:

Description: You can set or query Trace Hold Time in RFoCPRI Interference Analyzer

Example: `CPRI:TRACe:HOLD:TIME 10`

### **CPRI:TRACe:INFOrmation**

Syntax: `CPRI:TRACe:INFOrmation`

Parameter/Response: [None | Trace01 | Trace02 | Trace03 | Trace04 | Trace05 | Trace06]

Description: You can select the trace number to view the trace's information or None to hide the information display in RFoCPRI Interference Analyzer

Example: `CPRI:TRACe:INFOrmation Trace06`

### **CPRI:TRACe:INFOrmation**

Syntax: `CPRI:TRACe:INFOrmation`

Parameter/Response: [None | Trace01 | Trace02 | Trace03 | Trace04 | Trace05 | Trace06]

Description: You can select the trace number to view the trace's information or None to hide the information display in RFoCPRI Interference Analyzer

---

Example: `CPRI:TRAcE:INfOrMation Trace06`

### **CPRI:TRAcE:SELEct**

Syntax: `CPRI:TRAcE:SELEct`

Parameter/Response: `[Trace01 | Trace02 | Trace03 | Trace04 | Trace05 | Trace06]`

Description: You can set or query trace number in RFoCPRI Interference Analyzer

Example: `CPRI:TRAcE:SELEct Trace06`

### **CPRI:VBW:STRing**

Syntax: `CPRI:VBW:STRing`

Parameter/Response: `[100kHz | 30kHz | 10kHz | 7.5kHz]`

Description: You can set or query VBW to string in RFoCPRI Interference Analyzer

Example: `CPRI:VBW:STRing 10kHz`

## **NSA Signal Analysis Commands**

The commands described in this section concern the functions accessible to configure NSA signal analysis such as Analyzer, Scanner and Route map. All the commands are functions accessible with the Quick Access and Display tab key of the instrument. Make sure that if the commands include #, it means you can set carrier number from 1 to 8.

### **NSA:HW:SOURce:CLOCK:SELEct**

Syntax: `NSA:HW:SOURce:CLOCK:SELEct`

Parameter/Response: `Internal|External|GNSS`

Example: `NSA:HW:SOURce:CLOCK:SELEct External`

Description: You can set frequency reference from External, Internal, or GNSS in NSA Signal Analyzer

### **NSA:AMPLitude#:ATTenuation**

Syntax: `NSA:AMPLitude#:ATTenuation`

Parameter/Response:

Description: You can set attenuation value in NSA Signal Analyzer

Example: `NSA:AMPLitude1:ATTenuation 10`

### **NSA:AMPLitude#:EXT**

Syntax: `NSA:AMPLitude#:EXT`

Parameter/Response:

Description: You can set external offset value in NSA Signal Analyzer

Example: `NSA:AMPLitude1:EXT 10`

---

### **NSA:AMPLitude#:EXT:MODE**

Syntax: NSA:AMPLitude#:EXT:MODE

Parameter/Response: [Off | On]

Description: You can set external offset to on or off in NSA Signal Analyzer

Example: NSA:AMPLitude1:EXT:MODE On

### **NSA:AMPLitude#:MODE**

Syntax: NSA:AMPLitude#:MODE

Parameter/Response: [Auto | Manual]

Description: You can set attenuation mode between Auto and Manual in NSA Signal Analyzer

Example: NSA:AMPLitude1:MODE Auto

### **NSA:AMPLitude#:PREAmp:DNC**

Syntax: NSA:AMPLitude#:PREAmp:DNC

Parameter/Response: [Off | On]

Description: You can set DNC amplitude to on or off in NSA Signal Analyzer

Example: NSA:AMPLitude1:PREAmp:DNC On

### **NSA:AMPLitude#:PREAmp:FIRSt**

Syntax: NSA:AMPLitude#:PREAmp:FIRSt

Parameter/Response: [Off | On]

Description: You can set carrier's first pre amplitude to on or off in NSA Signal Analyzer

Example: NSA:AMPLitude1:PREAmp:FIRSt On

### **NSA:AMPLitude#:PREAmp:SECOnd**

Syntax: NSA:AMPLitude#:PREAmp:SECOnd

Parameter/Response: [Off | On]

Description: You can set carrier's second pre amplitude to on or off in NSA Signal Analyzer

Example: NSA:AMPLitude1:PREAmp:SECOnd On

### **NSA:AMPLitude#:PREAmp:AUTO**

Syntax: NSA:AMPLitude#:PREAmp:AUTO

Parameter/Response: [Off | On]

Description: You can set preamp automatically or not in NSA Signal Analyzer

Example: NSA:AMPLitude:PREAmp:AUTO On

### **NSA:AMPLitude#:LINearity**

Syntax: NSA:AMPLitude#:LINearity

---

Parameter/Response: Normal|High

Example: NSA:AMPLitude:LINearity High

Description: You can set High Linearity mode to High or Normal in NSA Signal Analyzer

#### **NSA:AMPLitude:AMPLifying:MODE#**

Syntax: NSA:AMPLitude:AMPLifying:MODE#

Parameter/Response:

Example: NSA:AMPLitude:AMPLifying:MODE1 Model

Description: You can set Amplifying Mode in NSA Signal Analyzer

#### **NSA:AMPLitude:REFerence:LTE**

Syntax: NSA:AMPLitude:REFerence:LTE

Parameter/Response:

Description: You can set LTE reference level in NSA Signal Analyzer

Example: NSA:AMPLitude:REFerence:LTE 10

#### **NSA:AMPLitude:REFerence:NR**

Syntax: NSA:AMPLitude:REFerence:NR

Parameter/Response:

Description: You can set NR reference level in NSA Signal Analyzer

Example: NSA:AMPLitude:REFerence:NR 10

#### **NSA:AMPLitude:SCAL**

Syntax: NSA:AMPLitude:SCAL

Parameter/Response:

Description: You can set scale in NSA Signal Analyzer

Example: NSA:AMPLitude:SCAL 10

#### **NSA:AMPLitude:UNIT**

Syntax: NSA:AMPLitude:UNIT

Parameter/Response: [dBm | dBV | dBmV | dBuV | V | W]

Description: You can set amplitude unit in NSA Signal Analyzer

Example: NSA:AMPLitude:UNIT dBm

#### **NSA:GNSS:MODE**

Syntax: NSA:GNSS:MODE

Parameter/Response: UTC|UTC2000|UTC3000|UTC5000

Example: NSA:GNSS:MODE UTC2000 | NSA:GNSS:MODE?

Description: You can set or query GNSS Trigger mode in NSA Signal Analyzer

---

### **NSA:CHANnel#:NUM**

Syntax: NSA:CHANnel#:NUM

Parameter/Response:

Description: You can set carrier channel number in NSA Signal Analyzer

Example: NSA:CHANnel1:NUM 1

### **NSA:CHANnel#:STEP**

Syntax: NSA:CHANnel#:STEP

Parameter/Response:

Description: You can set carrier channel step in NSA Signal Analyzer

Example: NSA:CHANnel1:STEP 1

### **NSA:CHANnel#:STANdard**

Syntax: NSA:CHANnel#:STANdard

Parameter/Response:

Example: NSA:CHANnel1:STANdard 701

Description: You can set channel number standard in NSA Signal Analyzer

### **NSA:CHANnel#:STEP NSA:FREQuency#:BAND**

Syntax: NSA:FREQuency#:BAND

Parameter/Response: [FR1 | FR2]

Description: You can set frequency band between FR1 or FR2 in NSA Signal Analyzer

Example: NSA:FREQuency1:BAND FR1

### **NSA:FREQuency#:CENTer**

Syntax: NSA:FREQuency#:CENTer

Parameter/Response:

Description: You can set carrier center frequency in NSA Signal Analyzer

Example: NSA:FREQuency1:CENTer 1000.00 MHz

### **NSA:FREQuency#:MODE**

Syntax: NSA:FREQuency#:MODE

Parameter/Response: [Off | On]

Description: You can set carrier to on or off in NSA Signal Analyzer

Example: NSA:FREQuency1:MODE On

### **NSA:FREQuency#:STEP**

Syntax: NSA:FREQuency#:STEP

Parameter/Response:

Description: You can set carrier step frequency in NSA Signal Analyzer

---

Example: NSA:FREQuency1:STEP 1000.00 MHz

### **NSA:FREQuency#:RANGe**

Syntax: NSA:FREQuency#:RANGe

Parameter/Response: [Basic | DNC | Over6G]

Description: You can set frequency range in NSA Signal Analyzer

Example: NSA:FREQuency:RANGe Basic

### **NSA:HOLD**

Syntax: NSA:HOLD

Parameter/Response: [Off | On]

Description: You can set NSA hold mode on or off in NSA Signal Analyzer

Example: NSA:HOLD On

### **NSA:SWEEp:TYPE**

Syntax: NSA:SWEEp:TYPE

Parameter/Response: [Normal | Fast]

Example: NSA:SWEEp:TYPE Fast

Description: You can set Sweep Mode to Fast or Normal in NSA Signal Analyzer

### **NSA:SORT**

Syntax: NSA:SORT

Parameter/Response: [RSRP | PCI]

Example: NSA:SORT RSRP

Description: You can sort between PCI and RSRP in NSA Signal Analyzer

### **NSA:GSCN#**

Syntax: NSA:GSCN#

Parameter/Response:

Example: NSA:GSCN1 2386

Description: You can set the carrier's GSCN Number in NSA Signal Analyzer

### **NSA:L#**

Syntax: NSA:L#

Parameter/Response: [4 | 8 | 64]

Example: NSA:L1 8

Description: You can set carrier L number in NSA Signal Analyzer

### **NSA:INDEX#**

Syntax: NSA:INDEX#

Parameter/Response:

Example: NSA:INDEX 0

---

Description: You can set index number from 0 to 7 in NSA Signal Analyzer (0: Carrier 1, 7: Carrier 8)

#### **NSA:LTE:BANDwidth#**

Syntax: NSA:LTE:BANDwidth#

Parameter/Response: [Bandwidth14 | Bandwidth3 | Bandwidth5 | Bandwidth10 | Bandwidth15 | Bandwidth20]

Example: NSA:LTE:BANDwidth1 Bandwidth10

Description: You can set LTE carrier bandwidth in NSA Signal Analyzer

#### **NSA:LTE:TECHnology#**

Syntax: NSA:LTE:TECHnology#

Parameter/Response: [FDD | TDD]

Example: NSA:LTE:TECHnology1 FDD

Description: You can set LTE mode between FDD and TDD

#### **NSA:MAP:PLOT:ITEM**

Syntax: NSA:MAP:PLOT:ITEM

Parameter/Response: [RSRP | RSRQ | SINR | SNR]

Example: NSA:MAP:PLOT:ITEM RSRP

Description: You can set the plot item in Routemap in NSA Signal Analyzer

#### **NSA:MAP:SCReen:TYPE**

Syntax: NSA:MAP:SCReen:TYPE

Parameter/Response: [Map | Full]

Example: NSA:MAP:SCReen:TYPE Full

Description: You can set screen type between map and full in Routemap in NSA Signal Analyzer

#### **NSA:NR:BANDwidth#**

Syntax: NSA:NR:BANDwidth#

Parameter/Response:

Example: NSA:NR:BANDwidth1 100 MHz

Description: You can set NR carrier Bandwidth in NSA Signal Analyzer

#### **NSA:NSAAalyzer:LTE:ECIO#**

Syntax: NSA:NSAAalyzer:LTE:ECIO#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:ECIO1?

Description: You can query LTE carrier S-SS Ec/Io number in NSA Signal Analyzer



---

### **NSA:NSAAalyzer:LTE:GID#**

Syntax: NSA:NSAAalyzer:LTE:GID#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:GID1?

Description: You can query LTE carrier Group ID number in NSA Signal Analyzer

### **NSA:NSAAalyzer:LTE:PCI#**

Syntax: NSA:NSAAalyzer:LTE:PCI#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:PCI1?

Description: You can query LTE carrier PCI number in NSA Signal Analyzer

### **NSA:NSAAalyzer:LTE:PSS#**

Syntax: NSA:NSAAalyzer:LTE:PSS#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:PSS1?

Description: You can query LTE carrier P-SS in NSA Signal Analyzer

### **NSA:NSAAalyzer:LTE:PSSNR#**

Syntax: NSA:NSAAalyzer:LTE:PSSNR#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:PSSNR1?

Description: You can query LTE carrier PS-SNR in NSA Signal Analyzer

### **NSA:NSAAalyzer:LTE:RSRP#**

Syntax: NSA:NSAAalyzer:LTE:RSRP#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:RSRP1?

Description: You can query LTE carrier RSRP in NSA Signal Analyzer

### **NSA:NSAAalyzer:LTE:RSRQ#**

Syntax: NSA:NSAAalyzer:LTE:RSRQ#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:RSRQ1?

Description: You can query LTE carrier RSRQ in NSA Signal Analyzer

### **NSA:NSAAalyzer:LTE:SID#**

Syntax: NSA:NSAAalyzer:LTE:SID#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:SID1?

Description: You can query LTE carrier sector ID in NSA Signal Analyzer.

---

### **NSA:NSAAalyzer:LTE:SSS#**

Syntax: NSA:NSAAalyzer:LTE:SSS#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:SSS1?

Description: You can query LTE carrier S-SS in NSA Signal Analyzer

### **NSA:NSAAalyzer:LTE:RSSINR#**

Syntax: NSA:NSAAalyzer:LTE:RSSINR#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:RSSINR1?

Description: You can query LTE carrier RS-SINR in NSA Signal Analyzer

### **NSA:NSAAalyzer:LTE:SSSRSSI#**

Syntax: NSA:NSAAalyzer:LTE:SSSRSSI#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:SSSRSSI1?

Description: You can query LTE carrier S-SS RSSI in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:DMRS#**

Syntax: NSA:NSAAalyzer:NR:DMRS#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:DMRS1?

Description: You can query NR carrier NR DM-RS in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:GID#**

Syntax: NSA:NSAAalyzer:NR:GID#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:GID1?

Description: You can query NR carrier Group ID in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:PBCH#**

Syntax: NSA:NSAAalyzer:NR:PBCH#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:PBCH1?

Description: You can query NR carrier PBCH in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:PCI#**

Syntax: NSA:NSAAalyzer:NR:PCI#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:PCI1?

Description: You can query NR carrier PCI number in NSA Signal Analyzer

---

### **NSA:NSAAalyzer:NR:PSRSRP#**

Syntax: NSA:NSAAalyzer:NR:PSRSRP#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:PSRSRP1?

Description: You can query NR carrier PS-RSRP in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:PSSNR#**

Syntax: NSA:NSAAalyzer:NR:PSSNR#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:PSSNR1?

Description: You can query NR carrier PS-SNR in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:SID#**

Syntax: NSA:NSAAalyzer:NR:SID#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:SID1?

Description: You can query NR carrier Sector ID in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:SSBIndex#**

Syntax: NSA:NSAAalyzer:NR:SSBIndex#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:SSBIndex1?

Description: You can query NR carrier SSB Index in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:SSRSRP#**

Syntax: NSA:NSAAalyzer:NR:SSRSRP#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:SSRSRP1?

Description: You can query NR carrier SS-RSRP in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:SSRSRQ#**

Syntax: NSA:NSAAalyzer:NR:SSRSRQ#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:SSRSRQ1?

Description: You can query NR carrier SS-RSRQ in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:SSSINR#**

Syntax: NSA:NSAAalyzer:NR:SSSINR#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:SSSINR1?

Description: You can query NR carrier SS-SINR in NSA Signal Analyzer

---

### **NSA:NSAAalyzer:NR:RSRP:PBCH:DMRS#**

Syntax: NSA:NSAAalyzer:NR:RSRP:PBCH:DMRS#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:RSRP:PBCH:DMRS1?

Description: You can query NR carrier PBCH DM-RS RSRP in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:EVM:PBCH:DMRS#**

Syntax: NSA:NSAAalyzer:NR:EVM:PBCH:DMRS#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:EVM:PBCH:DMRS1?

Description: You can query NR carrier PBCH DM-RS EVM in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:SSSRSSI#**

Syntax: NSA:NSAAalyzer:NR:SSSRSSI#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:SSSRSSI1?

Description: You can query NR carrier S-SS RSSI in NSA Signal Analyzer

### **NSA:NSAAalyzer:NR:ERROR:TIME#**

Syntax: NSA:NSAAalyzer:NR:ERROR:TIME#

Parameter/Response:

Example: NSA:NSAAalyzer:NR:ERROR:TIME1?

Description: You can query NR carrier Time Error in NSA Signal Analyzer

### **NSA:NSAAalyzer:LTE:ERROR:TIME#**

Syntax: NSA:NSAAalyzer:LTE:ERROR:TIME#

Parameter/Response:

Example: NSA:NSAAalyzer:LTE:ERROR:TIME?

Description: You can query LTE carrier Time Error in NSA Signal Analyzer

### **NSA:NSAScanner:NR:EVM:PBCH:DMRS#**

Syntax: NSA:NSAScanner:NR:EVM:PBCH:DMRS#

Parameter/Response:

Example: NSA:NSAScanner:NR:EVM:PBCH:DMRS1?

Description: You can query NR carrier PBCH DM-RS EVM in NSA Scanner

### **NSA:NSAScanner:NR:RSRP:PBCH:DMRS#**

Syntax: NSA:NSAScanner:NR:RSRP:PBCH:DMRS#

---

Parameter/Response:

Example: `NSA:NSAScanner:NR:RSRP:PBCH:DMRS1?`

Description: You can query NR carrier PBCH DM-RS RSRP in NSA Scanner

#### **NSA:NSAScanner:NR:SSRSRP#**

Syntax: `NSA:NSAScanner:NR:SSRSRP#`

Parameter/Response:

Example: `NSA:NSAScanner:NR:SSRSRP1?`

Description: You can query NR carrier S-SS RSRP in NSA Scanner

#### **NSA:NSAScanner:NR:PSSRSRP#**

Syntax: `NSA:NSAScanner:NR:PSSRSRP#`

Parameter/Response:

Example: `NSA:NSAScanner:NR:PSSRSRP1?`

Description: You can query NR carrier P-SS RSRP in NSA Scanner

#### **NSA:NSAScanner:LTE:PSSRSRP#**

Syntax: `NSA:NSAScanner:LTE:PSSRSRP#`

Parameter/Response:

Example: `NSA:NSAScanner:LTE:PSSRSRP1?`

Description: You can query LTE carrier P-SS RSRP in NSA Scanner

#### **NSA:NSAScanner:LTE:SSRSRP#**

Syntax: `NSA:NSAScanner:LTE:SSRSRP#`

Parameter/Response:

Example: `NSA:NSAScanner:LTE:SSRSRP1?`

Description: You can query LTE carrier S-SS RSRP in NSA Scanner

#### **NSA:NSAScanner:LTE:CHPower#**

Syntax: `NSA:NSAScanner:LTE:CHPower#`

Parameter/Response:

Example: `NSA:NSAScanner:LTE:CHPower1?`

Description: You can query LTE carrier Channel Power in NSA Signal Analyzer

#### **NSA:NSAScanner:LTE:ERRor:FREQuency#**

Syntax: `NSA:NSAScanner:LTE:ERRor:FREQuency#`

Parameter/Response:

Example: `NSA:NSAScanner:LTE:ERRor:FREQuency1?`

Description: You can query LTE carrier Frequency Error in NSA Signal Analyzer

#### **NSA:NSAScanner:LTE:ERRor:TIME#**

Syntax: `NSA:NSAScanner:LTE:ERRor:TIME#`

---

Parameter/Response:

Example: `NSA:NSAScanner:LTE:ERRor:TIME1?`

Description: You can query LTE carrier Time Error in NSA Signal Analyzer

#### **NSA:NSAScanner:LTE:EVM:RS#**

Syntax: `NSA:NSAScanner:LTE:EVM:RS#`

Parameter/Response:

Example: `NSA:NSAScanner:LTE:EVM:RS1?`

Description: You can query LTE carrier RS WVM in NSA Signal Analyzer

#### **NSA:NSAScanner:LTE:PCI#**

Syntax: `NSA:NSAScanner:LTE:PCI#`

Parameter/Response:

Example: `NSA:NSAScanner:LTE:PCI1?`

Description: You can query LTE carrier PCI in NSA Signal Analyzer

#### **NSA:NSAScanner:LTE:RSRP#**

Syntax: `NSA:NSAScanner:LTE:RSRP#`

Parameter/Response:

Example: `NSA:NSAScanner:LTE:RSRP1?`

Description: You can query LTE carrier RSRP in NSA Signal Analyzer

#### **NSA:NSAScanner:NR:CHPower#**

Syntax: `NSA:NSAScanner:NR:CHPower#`

Parameter/Response:

Example: `NSA:NSAScanner:NR:CHPower1?`

Description: You can query NR carrier Channel Power in NSA Signal Analyzer

#### **NSA:NSAScanner:NR:ERRor:FREQuency#**

Syntax: `NSA:NSAScanner:NR:ERRor:FREQuency#`

Parameter/Response:

Example: `NSA:NSAScanner:NR:ERRor:FREQuency1?`

Description: You can query NR carrier Frequency Error in NSA Signal Analyzer

#### **NSA:NSAScanner:NR:ERRor:TIME#**

Syntax: `NSA:NSAScanner:NR:ERRor:TIME#`

Parameter/Response:

Example: `NSA:NSAScanner:NR:ERRor:TIME1?`

Description: You can query NR carrier Time Error in NSA Signal Analyzer

#### **NSA:NSAScanner:NR:EVM:PBCH#**

Syntax: `NSA:NSAScanner:NR:EVM:PBCH#`

---

Parameter/Response:

Example: `NSA:NSAScanner:NR:EVM:PBCH1?`

Description: You can query NR carrier PBCH in NSA Signal Analyzer

#### **NSA:NSAScanner:NR:PCI#**

Syntax: `NSA:NSAScanner:NR:PCI#`

Parameter/Response:

Example: `NSA:NSAScanner:NR:PCI1?`

Description: You can query NR carrier PCI in NSA Signal Analyzer

#### **NSA:NSAScanner:NR:SSBIndex#**

Syntax: `NSA:NSAScanner:NR:SSBIndex#`

Parameter/Response:

Example: `NSA:NSAScanner:NR:SSBIndex1?`

Description: You can query NR carrier SSB Index in NSA Signal Analyzer

#### **NSA:NSAScanner:NR:SSRSRP#**

Syntax: `NSA:NSAScanner:NR:SSRSRP#`

Parameter/Response:

Example: `NSA:NSAScanner:NR:SSRSRP1?`

Description: You can query NR carrier SS-RSRP in NSA Signal Analyzer

#### **NSA:PCI#**

Syntax: `NSA:PCI#`

Parameter/Response:

Example: `NSA:PCI1 0`

Description: You can set PCI value in NSA Signal Analyzer

#### **NSA:PCI:MODE#**

Syntax: `NSA:PCI:MODE#`

Parameter/Response: [Auto | Manual]

Example: `NSA:PCI:MODE1 Auto`

Description: You can set PCI Mode to Auto or Manual in NSA Signal Analyzer

#### **NSA:PERiodicity#**

Syntax: `NSA:PERiodicity#`

Parameter/Response: [5ms | 10ms | 20ms | 40ms | 80ms | 160ms]

Example: `NSA:PERiodicity1 20ms`

Description: You can set Carrier Periodicity in NSA Signal Analyzer

#### **NSA:PRESet**

Syntax: `NSA:PRESet`

---

Parameter/Response:  
Example: `NSA:PRESet`  
Description: You can preset NSA Signal Analyzer

#### **NSA:PRESet:MEASure**

Syntax: `NSA:PRESet:MEASure`  
Parameter/Response:  
Example: `NSA:PRESet:MEASure`  
Description: You can preset Meausre in NSA Signal Analyzer

#### **NSA:SCALe:AUTO**

Syntax: `NSA:SCALe:AUTO`  
Parameter/Response:  
Example: `NSA:SCALe:AUTO`  
Description: You can set Auto Scale in NSA Signal Analyzer

#### **NSA:SSB#:CENTer**

Syntax: `NSA:SSB#:CENTer`  
Parameter/Response:  
Example: `NSA:SSB1:CENTer 1000.00 MHz`  
Description: You can set SSB Center Frequency for each carrier in NSA Signal Analyzer

#### **NSA:SSB#:SCS**

Syntax: `NSA:SSB#:SCS`  
Parameter/Response:  
Example: `NSA:SSB1:SCS 15 kHz`  
Description: You can set SSB SCS for each carrier in NSA Signal Analyzer

#### **NSA:SSB:MODE**

Syntax: `NSA:SSB:MODE`  
Parameter/Response: `[Start | Stop]`  
Example: `NSA:SSB:MODE Start`  
Description: You can set SSB Auto Search Mode to Start or Stop

#### **NSA:SSB:TYPE**

Syntax: `NSA:SSB:TYPE`  
Parameter/Response: `Auto|Manual`  
Example: `NSA:SSB:TYPE Auto`  
Description: You can set SSB Auto Search Mode to Auto or Manual in NSA Signal Analyzer



---

### **NSA:SSBBlockpattern#**

Syntax: NSA:SSBBlockpattern#

Parameter/Response: [None | CaseA | CaseB | CaseC | CaseD | CaseE]

Example: NSA:SSBBlockpattern1 CaseA

Description: You can set SSB block pattern for each carrier case in NSA Signal Analyzer

### **NSA:SWEEp:MODE**

Syntax: NSA:SWEEp:MODE

Parameter/Response: [Continue | Single]

Example: NSA:SWEEp:MODE Single

Description: You can set sweep mode to continue or single in NSA Signal Analyzer

### **NSA:TECHnology#**

Syntax: NSA:TECHnology#

Parameter/Response: [NR | LTE]

Example: NSA:TECHnology1 NR

Description: You can set technology mode between NR and LTE.

### **NSA:TRIGger:MODE**

Syntax: NSA:TRIGger:MODE

Parameter/Response: [Internal | External | GNSS]

Example: NSA:TRIGger:MODE External

Description: You can set three trigger mode in NSA Signal Analyzer

## **5G TM Signal Analysis Commands**

The commands described in this section concern the functions accessible to configure 5G TM signal analysis such as Spectrum Analyzer, Unwanted Emissions, Transmit ON/OFF Power and Signal Quality. All the commands are functions accessible with the Quick Access and Display tab key of the instrument. Note that 5G TM signal analysis measurement commands are not supported for ONA-800 SPA06MA.

### **NRTM:HW:SOURce:CLOCK:SElect**

Syntax: NRTM:HW:SOURce:CLOCK:SElect

Parameter/Response: Internal|External|GNSS

Example: NRTM:HW:SOURce:CLOCK:SElect External

Description: You can set frequency reference from External, Internal, or GNSS in 5G TM Signal Analyzer

---

### **NRTM:ACLR:ABSolute#:LOWer**

Syntax: NRTM:ACLR:ABSolute#:LOWer

Parameter/Response:

Example: NRTM:ACLR:ABSolute1:LOWer?

Description: You can query Absolute Power of each carrier in lower for ACLR in 5G TM Signal Analyzer

### **NRTM:ACLR:ABSolute#:UPPer**

Syntax: NRTM:ACLR:ABSolute#:UPPer

Parameter/Response:

Example: NRTM:ACLR:ABSolute1:UPPer?

Description: You can query Absolute Power of each carrier in upper for ACLR in 5G TM Signal Analyzer

### **NRTM:ACLR:CATegory**

Syntax: NRTM:ACLR:CATegory

Parameter/Response: [WBSA | WBSB | MRBS | LABS]

Example: NRTM:ACLR:CATegory WBSA

Description: You can set Category for ACLR in 5G TM Signal Analyzer

### **NRTM:ACLR:LOWer#:JUDGe**

Syntax: NRTM:ACLR:LOWer#:JUDGe

Parameter/Response:

Example: NRTM:ACLR:LOWer1:JUDGe?

Description: You can query pass or fail for ACLR integration lower power in 5G TM Signal Analyzer

### **NRTM:MACLR:LOWer#:JUDGe**

Syntax: NRTM:MACLR:LOWer#:JUDGe

Parameter/Response:

Example: NRTM:MACLR:LOWer1:JUDGe?

Description: You can query pass or fail for Multi-ACLR integration lower power in 5G TM Signal Analyzer

### **NRTM:ACLR:MARKer#:DELTA:FREQuency**

Syntax: NRTM:ACLR:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: NRTM:ACLR:MARKer1:DELTA:FREQuency?

Description: You can query ACLR Delta Marker Frequency in 5G TM Signal Analyzer

---

#### **NRTM:ACLR:MARKer#:DELTA:Y**

Syntax: NRTM:ACLR:MARKer#:DELTA:Y

Parameter/Response:

Example: NRTM:ACLR:MARKer1:DELTA:Y

Description: You can set Delta Marker Power for ACLR in 5G TM Signal Analyzer

#### **NRTM:ACLR:MARKer#:FREQuency**

Syntax: NRTM:ACLR:MARKer#:FREQuency

Parameter/Response:

Example: NRTM:ACLR:MARKer1:FREQuency?

Description: You can query ACLR Marker Frequency in 5G TM Signal Analyzer

#### **NRTM:ACLR:POWer:REFeRence**

Syntax: NRTM:ACLR:POWer:REFeRence

Parameter/Response:

Example: NRTM:ACLR:POWer:REFeRence?

Description: You can query ACLR reference power in 5G TM Signal Analyzer

#### **NRTM:ACLR:RELative#:LOWer**

Syntax: NRTM:ACLR:RELative#:LOWer

Parameter/Response:

Example: NRTM:ACLR:RELative1:LOWer?

Description: You can query Relative power of each carrier in lower for ACLR in 5G TM Signal Analyzer

#### **NRTM:ACLR:RELative#:UPPer**

Syntax: NRTM:ACLR:RELative#:UPPer

Parameter/Response:

Example: NRTM:ACLR:RELative1:UPPer?

Description: You can query Relative power of each carrier in upper for ACLR in 5G TM Signal Analyzer

#### **NRTM:ACLR:TRACe:DATA**

Syntax: NRTM:ACLR:TRACe:DATA

Parameter/Response:

Example: NRTM:TRACe:DATA?

Description: You can query ACLR Trace Data in 5G TM Signal Analyzer

#### **NRTM:ACLR:UPPer#:JUDGe**

Syntax: NRTM:ACLR:UPPer#:JUDGe

Parameter/Response:

---

**Example:** `NRTM:ACLR:UPPer1:JUDGe?`

**Description:** You can query pass or fail of each upper carrier for ACLR in 5G TM Signal Analyzer

### **NRTM:AMPLitude:AMPLifying:MODE**

**Syntax:** `NRTM:AMPLitude:AMPLifying:MODE`

**Parameter/Response:**

**Example:** `NRTM:AMPLitude:AMPLifying:MODE Model`

**Description:** You can set Amplifying Mode in 5G TM Signal Analyzer

### **NRTM:AMPLitude:ATTenuation**

**Syntax:** `NRTM:AMPLitude:ATTenuation`

**Parameter/Response:**

**Example:** `NRTM:AMPLitude:ATTenuation 10`

**Description:** You can set attenuation value in 5G TM Signal Analyzer

### **NRTM:AMPLitude:EXT**

**Syntax:** `NRTM:AMPLitude:EXT`

**Parameter/Response:**

**Example:** `NRTM:AMPLitude:EXT 10`

**Description:** You can set external offset value in 5G TM Signal Analyzer

### **NRTM:AMPLitude:EXT:MODE**

**Syntax:** `NRTM:AMPLitude:EXT:MODE`

**Parameter/Response:** [Off | On]

**Example:** `NRTM:AMPLitude:EXT:MODE On`

**Description:** You can set external offset to on or off in 5G TM Signal Analyzer

### **NRTM:AMPLitude:MODE**

**Syntax:** `NRTM:AMPLitude:MODE`

**Parameter/Response:** [Auto | Couple | Manual]

**Example:** `NRTM:AMPLitude:MODE Auto`

**Description:** You can set attenuation mode options from Auto, Couple and Manual in 5G TM Signal Analyzer

### **NRTM:AMPLitude:LINEarity**

**Syntax:** `NRTM:AMPLitude:LINEarity`

**Parameter/Response:** Normal|High

**Example:** `NRTM:AMPLitude:LINEarity High`

**Description:** You can set Linearity mode to Normal or High in 5G TM Signal Analyzer

---

### **NRTM:AMPLitude:PREAmP:AUTO**

Syntax: NRTM:AMPLitude:PREAmP:AUTO

Parameter/Response: On|Off

Example: NRTM:AMPLitude:PREAmP:AUTO On

Description: You can turn Auto Preamp On or Off in 5G TM Signal Analyzer

### **NRTM:AMPLitude:PREAmP:DNC**

Syntax: NRTM:AMPLitude:PREAmP:DNC

Parameter/Response: [Off | On]

Example: NRTM:AMPLitude:PREAmP:DNC On

Description: You can set DNC amplitude to on or off in 5G TM Signal Analyzer

### **NRTM:AMPLitude:PREAmP:FIRSt**

Syntax: NRTM:AMPLitude:PREAmP:FIRSt

Parameter/Response: [Off | On]

Example: NRTM:AMPLitude:PREAmP:FIRSt On

Description: You can set carrier's first pre amplitude to on or off in 5G TM Signal Analyzer

### **NRTM:AMPLitude:PREAmP:SECOnd**

Syntax: NRTM:AMPLitude:PREAmP:SECOnd

Parameter/Response: [Off | On]

Example: NRTM:AMPLitude:PREAmP:SECOnd On

Description: You can set carrier's second pre amplitude to on or of in 5G TM Signal Analyzer

### **NRTM:AMPLitude:REFeRence**

Syntax: NRTM:AMPLitude:REFeRence

Parameter/Response:

Example: NRTM:AMPLitude:REFeRence 10

Description: You can set reference level in 5G TM Signal Analyzer

### **NRTM:AMPLitude:SCAL**

Syntax: NRTM:AMPLitude:SCAL

Parameter/Response:

Example: NRTM:AMPLitude:SCAL 10

Description: You can set amplitude scale in 5G TM Signal Analyzer

### **NRTM:AMPLitude:UNIT**

Syntax: NRTM:AMPLitude:UNIT

Parameter/Response: [dBm | dBV | dBmV | dBuV | V | W]

---

Example: `NRTM:AMPLitude:UNIT dBm`

Description: You can set amplitude scale unit in 5G TM Signal Analyzer

### **NRTM:GNSS:MODE**

Syntax: `NRTM:GNSS:MODE`

Parameter/Response: `UTC|UTC2000|UTC3000|UTC5000`

Example: `NRTM:GNSS:MODE UTC2000| NRTM:GNSS:MODE?`

Description: You can set or query GNSS Trigger mode in 5G TM Signal Analyzer

### **NRTM:AVERage**

Syntax: `NRTM:AVERage`

Parameter/Response:

Example: `NRTM:AVERage 10`

Description: You can set Average number in 5G TM Signal Analyzer

### **NRTM:BANDwidth**

Syntax: `NRTM:BANDwidth`

Parameter/Response:

Example: `NRTM:BANDwidth 100 MHz`

Description: You can set carrer bandwidth in 5G TM Signal Analyzer

### **NRTM:BSType**

Syntax: `NRTM:BSType`

Parameter/Response: `[1-C/1-H | 1-O | 2-O]`

Example: `NRTM:BSType 1-O`

Description: You can set BS type options from 1-C/1-H, 1-O or 2-O in 5G TM Signal Analyzer

### **NRTM:CARrier:FREQuency#:CENTER**

Syntax: `NRTM:CARrier:FREQuency#:CENTER`

Parameter/Response:

Example: `NRTM:CARrier:FREQuency1:CENTer 1000.00 MHz`

Description: You can set each carrier's center frequency in 5G TM Signal Analyzer

### **NRTM:CARrier:FREQuency#:MODE**

Syntax: `NRTM:CARrier:FREQuency#:MODE`

Parameter/Response: `[Off | On]`

Example: `NRTM:CARrier:FREQuency1:MODE On`

Description: You can set each carrier's frequency mode to on or off in 5G TM Signal Analyzer

---

### **NRTM:CHANnel:NUM**

Syntax: NRTM:CHANnel:NUM

Parameter/Response:

Example: NRTM:CHANnel:NUM 1

Description: You can set carrier channel number in 5G TM Signal Analyzer

### **NRTM:CHANnel:STEP**

Syntax: NRTM:CHANnel:STEP

Parameter/Response:

Example: NRTM:CHANnel:STEP 1

Description: You can set carrier channel step in 5G TM Signal Analyzer

### **NRTM:CHPower:AVERage:CURRent**

Syntax: NRTM:CHPower:AVERage:CURRent

Parameter/Response:

Example: NRTM:CHPower:AVERage:CURRent?

Description: You can query current Average number for BS Output Power in 5G TM Signal Analyzer

### **NRTM:CHPower:CHPower**

Syntax: NRTM:CHPower:CHPower

Parameter/Response:

Example: NRTM:CHPower:CHPower?

Description: You can query BS Output Power in 5G TM Signal Analyzer

### **NRTM:CHPower:DENSity**

Syntax: NRTM:CHPower:DENSity

Parameter/Response:

Example: NRTM:CHPower:DENSity?

Description: You can query Spectral Density in BS Output Power in 5G TM Signal Analyzer

### **NRTM:CHPower:JUDGe**

Syntax: NRTM:CHPower:JUDGe

Parameter/Response:

Example: NRTM:CHPower:JUDGe?

Description: You can query pass or fail for BS Output Power in 5G TM Signal Analyzer

### **NRTM:CHPower:MARKer#:DELTA:FREQuency**

Syntax: NRTM:CHPower:MARKer#:DELTA:FREQuency

---

Parameter/Response:

Example: `NRTM:CHPower:MARKer1:DELTA:FREQuency?`

Description: You can query BS Output Power Delta marker frequency in 5G TM Signal Analyzer

#### **NRTM:CHPower:MARKer#:DELTA:Y**

Syntax: `NRTM:CHPower:MARKer#:DELTA:Y`

Parameter/Response:

Example: `NRTM:CHPower:MARKer1:DELTA:Y?`

Description: You can query Delta Marker Power for BS Output Power in 5G TM Signal Analyzer

#### **NRTM:CHPower:MARKer#:FREQuency**

Syntax: `NRTM:CHPower:MARKer#:FREQuency`

Parameter/Response:

Example: `NRTM:CHPower:MARKer1:FREQuency?`

Description: You can query BS Output Power marker frequency in 5G TM Signal Analyzer

#### **NRTM:CHPower:MARKer#:Y**

Syntax: `NRTM:CHPower:MARKer#:Y`

Parameter/Response:

Example: `NRTM:CHPower:MARKer1:Y?`

Description: You can query Marker Power for BS Output Power in 5G TM Signal Analyzer

#### **NRTM:CHPower:NORMal:EIRP**

Syntax: `NRTM:CHPower:NORMal:EIRP`

Parameter/Response:

Example: `NRTM:CHPower:NORMal:EIRP?`

Description: You can query EIRP in BS Output Power in 5G TM Signal Analyzer

#### **NRTM:CHPower:PEAK:EIRP1**

Syntax: `NRTM:CHPower:PEAK:EIRP1`

Parameter/Response:

Example: `NRTM:CHPower:PEAK:EIRP1?`

Description: You can query max EIRP1 in BS Output Power in 5G TM Signal Analyzer

#### **NRTM:CHPower:PEAK:EIRP2**

Syntax: `NRTM:CHPower:PEAK:EIRP2`

Parameter/Response:

Example: `NRTM:CHPower:PEAK:EIRP2?`



---

Description: You can query max EIRP2 in BS Output Power in 5G TM Signal Analyzer

#### **NRTM:CHPower:PEAK:SUM**

Syntax: NRTM:CHPower:PEAK:SUM

Parameter/Response:

Example: NRTM:CHPower:PEAK:SUM?

Description: You can query Peak Sum for Channel Power in 5G TM Signal Analyzer

#### **NRTM:CHPower:PTAR**

Syntax: NRTM:CHPower:PTAR

Parameter/Response:

Example: NRTM:CHPower:PTAR?

Description: You can query peak to average ratio for BS Output Power in 5G TM Signal Analyzer

#### **NRTM:CHPower:TRACe:DATA**

Syntax: NRTM:CHPower:TRACe:DATA

Parameter/Response:

Example: NRTM:TRACe:DATA?

Description: You can query Trace Data for BS Output Power in 5G TM Signal Analyzer

#### **NRTM:CONStellation:ERRor:FREQuency:HZ**

Syntax: NRTM:CONStellation:ERRor:FREQuency:HZ

Parameter/Response:

Example: NRTM:CONStellation:ERRor:FREQuency:HZ?

Description: You can query frequency error by Hz for Constellation in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:PDSCH:QAM16:JUDGE**

Syntax: NRTM:CONStellation:EVM:PDSCH:QAM16:JUDGE

Parameter/Response:

Example: NRTM:CONStellation:EVM:PDSCH:QAM16:JUDGE?

Description: You can query pass or fail for EVM of PDSCH QAM16 for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:PDSCH:QAM256:JUDGE**

Syntax: NRTM:CONStellation:EVM:PDSCH:QAM256:JUDGE

Parameter/Response:

Example: NRTM:CONStellation:EVM:PDSCH:QAM256:JUDGE?

---

Description: You can query pass or fail for EVM of PDSCH QAM256 for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:PDSCH:QAM64:JUDGE**

Syntax: NRTM:CONStellation:EVM:PDSCH:QAM64:JUDGE

Parameter/Response:

Example: NNR5G:CONStellation:EVM:PDSCH:QAM64:JUDGE?

Description: You can query pass or fail for EVM of PDSCH QAM64 for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:PDSCH:QAM16**

Syntax: NRTM:CONStellation:EVM:PDSCH:QAM16

Parameter/Response:

Example: NRTM:CONStellation:EVM:PDSCH:QAM16?

Description: You can query EVM of PDSCH QAM16 for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:PDSCH:QAM256**

Syntax: NRTM:CONStellation:EVM:PDSCH:QAM256

Parameter/Response:

Example: NRTM:CONStellation:EVM:PDSCH:QAM256?

Description: You can query EVM of PDSCH QAM256 for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:PDSCH:QAM64**

Syntax: NRTM:CONStellation:EVM:PDSCH:QAM64

Parameter/Response:

Example: NRTM:CONStellation:EVM:PDSCH:QAM64?

Description: You can query EVM of PDSCH QAM64 for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:PDSCH:QPSK**

Syntax: NRTM:CONStellation:EVM:PDSCH:QPSK

Parameter/Response:

Example: NRTM:CONStellation:EVM:PDSCH:QPSK?

Description: You can query EVM of PDSCH QPSK for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:PDSCH:QPDB**

Syntax: NRTM:CONStellation:EVM:PDSCH:QPDB

Parameter/Response:

Example: NRTM:CONStellation:EVM:PDSCH:QPDB?

---

Description: You can query Modulation Quality QPSK Deboosted in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:PDSCH:QPSK:JUDGe**

Syntax: NRTM:CONStellation:EVM:PDSCH:QPSK:JUDGe

Parameter/Response:

Example: NRTM:CONStellation:EVM:PDSCH:QPSK:JUDGe?

Description: You can query pass or fail for EVM of PDSCH QPSK for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:CONStellation:JUDGe**

Syntax: NRTM:CONStellation:JUDGe

Parameter/Response:

Example: NRTM:CONStellation:JUDGe?

Description: You can query pass or fail for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:POWER:OFDMpower**

Syntax: NRTM:CONStellation:EVM:POWER:OFDMpower

Parameter/Response:

Example: NRTM:CONStellation:EVM:POWER:OFDMpower?

Description: You can query Modulation Quality OFDM Power Level in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:POWER:OFDMpower:JUDGe**

Syntax: NRTM:CONStellation:EVM:POWER:OFDMpower:JUDGe

Parameter/Response:

Example: NRTM:CONStellation:EVM:POWER:OFDMpower:JUDGe?

Description: You can query pass or fail for Modulation Quality OFDM Power in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:POWER:REPower**

Syntax: NRTM:CONStellation:EVM:POWER:REPower

Parameter/Response:

Example: NRTM:CONStellation:EVM:POWER:REPower?

Description: You can query Modulation Quality RE Power Level in 5G TM Signal Analyzer

#### **NRTM:CONStellation:EVM:POWER:REPower:JUDGe**

Syntax: NRTM:CONStellation:EVM:POWER:REPower:JUDGe

Parameter/Response:

Example: NRTM:CONStellation:EVM:POWER:REPower:JUDGe?

---

Description: You can query pass or fail for Modulation Quality RE Power in 5G TM Signal Analyzer

#### **NRTM:DELTA:MARKer#:ALWAYS**

Syntax: NRTM:DELTA:MARKer#:ALWAYS

Parameter/Response: [Off | On]

Example: NRTM:DELTA:MARKer1:ALWAYS On

Description: You can set marker to always on or off in 5G TM Signal Analyzer

#### **NRTM:DELTA:MARKer#:FREQUENCY**

Syntax: NRTM:DELTA:MARKer#:FREQUENCY

Parameter/Response:

Example: NRTM:DELTA:MARKer1:FREQUENCY 3000 MHz

Description: You can set marker frequency in 5G TM Signal Analyzer

#### **NRTM:DUPLex:TYPE**

Syntax: NRTM:DUPLex:TYPE

Parameter/Response: [TDD | FDD]

Example: NRTM:DUPLex:TYPE TDD

Description: You can set duplex type between TDD and FDD in 5G TM Signal Analyzer

#### **NRTM:FREQUENCY:BAND**

Syntax: NRTM:FREQUENCY:BAND

Parameter/Response: [FR1 | FR2]

Example: NRTM:FREQUENCY:BAND FR1

Description: You can set carrier frequency range between FR1 and FR 2 in 5G TM Signal Analyzer

#### **NRTM:FREQUENCY:CENTER**

Syntax: NRTM:FREQUENCY:CENTER

Parameter/Response:

Example: NRTM:FREQUENCY:CENTER 1000.00 MHz

Description: You can set carrier center frequency in 5G TM Signal Analyzer

#### **NRTM:FREQUENCY:STEP**

Syntax: NRTM:FREQUENCY:STEP

Parameter/Response:

Example: NRTM:FREQUENCY:STEP 1000.00 MHz

Description: You can set each carrier's step frequency in 5G TM Signal Analyzer

---

### **NRTM:HISTory:CLear**

Syntax: NRTM:HISTory:CLear

Parameter/Response:

Example: NRTM:HISTory:CLear

Description: You can clear history in 5G TM Signal Analyzer

### **NRTM:HOLD**

Syntax: NRTM:HOLD

Parameter/Response: [Off | On]

Example: NRTM:HOLD On

Description: You can set 5G TM Signal Analyzer to hold or hold off

### **NRTM:L**

Syntax: NRTM:L

Parameter/Response: [4 | 8 | 64]

Example: NRTM:L 8

Description: You can set carrier L number in 5G TM Signal Analyzer

### **NRTM:LIMit:ACLR:MODE**

Syntax: NRTM:LIMit:ACLR:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:ACLR:MODE On

Description: You can set limit on/off or query limit mode for ACLR in 5G TM Signal Analyzer

### **NRTM:LIMit:CHPower:HIGH**

Syntax: NRTM:LIMit:CHPower:HIGH

Parameter/Response:

Example: NRTM:LIMit:CHPower:HIGH 30

Description: You can set BS Output Power High Limit in 5G TM Signal Analyzer

### **NRTM:LIMit:CHPower:LOW**

Syntax: NRTM:LIMit:CHPower:LOW

Parameter/Response:

Example: NRTM:LIMit:CHPower:LOW 20

Description: You can set BS Output Power Low Limit in 5G TM Signal Analyzer

### **NRTM:LIMit:CHPower:MODE**

Syntax: NRTM:LIMit:CHPower:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:CHPower:MODE On

---

Description: You can set limit on/off or query limit mode for BS Output Power in 5G TM Signal Analyzer

#### **NRTM:LIMit:FREQuency:HIGH**

Syntax: NRTM:LIMit:FREQuency:HIGH

Parameter/Response:

Example: NRTM:LIMit:FREQuency:HIGH 0.1

Description: You can set High Limit of Frequency Error for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:LIMit:FREQuency:LOW**

Syntax: NRTM:LIMit:FREQuency:LOW

Parameter/Response:

Example: NRTM:LIMit:FREQuency:LOW -0.1

Description: You can set Low Limit of Frequency Error for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:LIMit:FREQuency:MODE**

Syntax: NRTM:LIMit:FREQuency:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:FREQuency:MODE On

Description: You can set limit on/off or query limit mode for Modulation Quality in 5G TM Signal Analyzer

#### **NRTM:LIMit:MACLR:MODE**

Syntax: NRTM:LIMit:MACLR:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:MACLR:MODE On

Description: You can set limit on/off or query limit mode for Multi-ACLR in 5G TM Signal Analyzer

#### **NRTM:LIMit:OBWidth:HIGH**

Syntax: NRTM:LIMit:OBWidth:HIGH

Parameter/Response:

Example: NRTM:LIMit:OBWidth:HIGH 50

Description: You can set High Limit of Occupied Bandwidth in 5G TM Signal Analyzer

#### **NRTM:LIMit:OBWidth:MODE**

Syntax: NRTM:LIMit:OBWidth:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:OBWidth:MODE On

---

Description: You can set limit on/off or query limit mode for Occupied Bandwidth in 5G TM Signal Analyzer

#### **NRTM:LIMit:OFFPower:HIGH**

Syntax: NRTM:LIMit:OFFPower:HIGH

Parameter/Response:

Example: NRTM:LIMit:OFFPower:HIGH -50

Description: You can set High Limit of Off Power in 5G TM Signal Analyzer

#### **NRTM:LIMit:OFFPower:MODE**

Syntax: NRTM:LIMit:OFFPower:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:OFFPower:MODE On

Description: You can set limit on/off or query limit mode for Off Power in 5G TM Signal Analyzer

#### **NRTM:LIMit:PDSCH:QAM16**

Syntax: NRTM:LIMit:PDSCH:QAM16

Parameter/Response:

Example: NRTM:LIMit:PDSCH:QAM16 10

Description: You can set Limit PDSCH QAM16 in 5G TM Signal Analyzer

#### **NRTM:LIMit:PDSCH:QAM256**

Syntax: NRTM:LIMit:PDSCH:QAM256

Parameter/Response:

Example: NRTM:LIMit:PDSCH:QAM256 10

Description: You can set Limit PDSCH QAM256 in 5G TM Signal Analyzer

#### **NRTM:LIMit:PDSCH:QAM64**

Syntax: NRTM:LIMit:PDSCH:QAM64

Parameter/Response:

Example: NRTM:LIMit:PDSCH:QAM64 10

Description: You can set Limit PDSCH QAM64 in 5G TM Signal Analyzer

#### **NRTM:LIMit:PDSCH:MODE**

Syntax: NRTM:LIMit:PDSCH:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:PDSCH:MODE On

Description: You can set limit on/off or query limit mode for PDSCH in 5G TM Signal Analyzer

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### **NRTM:LIMit:PDSCH:QPSK**

Syntax: NRTM:LIMit:PDSCH:QPSK

Parameter/Response:

Example: NRTM:LIMit:PDSCH:QPSK 10

Description: You can set Limit PDSCH QPSK in 5G TM Signal Analyzer

### **NRTM:LIMit:SEM:MODE**

Syntax: NRTM:LIMit:SEM:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:SEM:MODE On

Description: You can set limit on/off or query limit mode for Operating Band Unwanted Emissions in 5G TM Signal Analyzer

### **NRTM:LIMit:SPURious:MODE**

Syntax: NRTM:LIMit:SPURious:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:SPURious:MODE On

Description: You can set limit on/off or query limit mode for Transmitter Spurious Emissions in 5G TM Signal Analyzer

### **NRTM:LIMit:SYMBolavgpower:HIGH**

Syntax: NRTM:LIMit:SYMBolavgpower:HIGH

Parameter/Response:

Example: NRTM:LIMit:SYMBolavgpower:HIGH 10

Description: You can set High limit of Symbol Average Power in 5G TM Signal Analyzer

### **NRTM:LIMit:SYMBolavgpower:LOW**

Syntax: NRTM:LIMit:SYMBolavgpower:LOW

Parameter/Response:

Example: NRTM:LIMit:SYMBolavgpower:LOW -10

Description: You can set Low limit of Symbol Average Power in 5G TM Signal Analyzer

### **NRTM:LIMit:SYMBolavgpower:MODE**

Syntax: NRTM:LIMit:SYMBolavgpower:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:SYMBolavgpower:MODE On

Description: You can set limit on/off or query limit mode for Symbol Average Power in 5G TM Signal Analyzer



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### **NRTM:LIMit:TRANSition:HIGH**

Syntax: NRTM:LIMit:TRANSition:HIGH

Parameter/Response:

Example: NRTM:LIMit:TRANSition:HIGH -50

Description: You can set or query High Limit of Transition in 5G TM Signal Analyzer

### **NRTM:LIMit:TRANSition:MODE**

Syntax: NRTM:LIMit:TRANSition:MODE

Parameter/Response: [Off | On]

Example: NRTM:LIMit:TRANSition:MODE On

Description: You can set limit on/off or query Limit Transition Period in 5G TM Signal Analyzer

### **NRTM:LIMit:POWER:REPower:HIGH**

Syntax: NRTM:LIMit:POWER:REPower:HIGH

Parameter/Response:

Example: NRTM:LIMit:POWER:REPower:HIGH -13.2

Description: You can set Modulation Quality RE Power High Limit.

### **NRTM:LIMit:POWER:REPower:LOW**

Syntax: NRTM:LIMit:POWER:REPower:LOW

Parameter/Response:

Example: NRTM:LIMit:POWER:REPower:LOW -17.2

Description: You can set Modulation Quality RE Power Low Limit.

### **NRTM:LIMit:POWER:REPower:MODE**

Syntax: NRTM:LIMit:POWER:REPower:MODE

Parameter/Response: Off|On

Example: NRTM:LIMit:POWER:REPower:MODE On

Description: You can set Modulation Quality RE Power Limit to on or off.

### **NRTM:LIMit:POWER:OFDM:HIGH**

Syntax: NRTM:LIMit:POWER:OFDM:HIGH

Parameter/Response:

Example: NRTM:LIMit:POWER:OFDM:HIGH 22.2

Description: You can set Modulation Quality OFDM Power High Limit.

### **NRTM:LIMit:POWER:OFDM:LOW**

Syntax: NRTM:LIMit:POWER:OFDM:LOW

Parameter/Response:

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Example: `NRTM:LIMit:POWEr:OFDM:LOW 18.2`

Description: You can set Modulation Quality OFDM Power Low Limit.

#### **NRTM:LIMit:POWEr:OFDM:MODE**

Syntax: `NRTM:LIMit:POWEr:OFDM:MODE`

Parameter/Response: `Off|On`

Example: `NRTM:LIMit:POWEr:OFDM:MODE On`

Description: You can set Modulation Quality OFDM Power Limit to on or off.

#### **NRTM:TEStmodel:FROne:TYPE**

Syntax: `NRTM:TEStmodel:FROne:TYPE`

Parameter/Response: `[NRFR1TM11 | NRFR1TM12 | NRFR1TM2 | NRFR1TM2a | NRFR1TM31 | NRFR1TM31a | NRFR1TM32 | NRFR1TM33 ]`

Example: `NRTM:TEStmodel:FROne:TYPE NRFR1TM11`

Description: You can select FR1 Test Model from the above options.

#### **NRTM:TEStmodel:FRTwo:TYPE**

Syntax: `NRTM:TEStmodel:FRTwo:TYPE`

Parameter/Response:

`[NRFR2TM11|NRFR2TM2|NRFR2TM31|NRFR2TM2QPSK|NRFR2TM2QAM16|NRFR2TM2a|NRFR2TM31QPSK|NRFR2TM31QAM16|NRFR2TM31a]`

Example: `NRTM:TEStmodel:FRTwo:TYPE NRFR2TM11`

Description: You can select FR2 Test Model from the above options

#### **NRTM:MACLR:ABSolute#:LOWer**

Syntax: `NRTM:MACLR:ABSolute#:LOWer`

Parameter/Response:

Example: `NRTM:MACLR:ABSolute1:LOWer?`

Description: You can query Absolute power of each carrier in lower for Multi-ACLR in 5G TM Signal Analyzer

#### **NRTM:MACLR:ABSolute#:UPPer**

Syntax: `NRTM:MACLR:ABSolute#:UPPer`

Parameter/Response:

Example: `NRTM:MACLR:ABSolute1:UPPer?`

Description: You can query Absolute power of each carrier in upper for Multi-ACLR in 5G TM Signal Analyzer

#### **NRTM:MACLR:JUDGE**

Syntax: `NRTM:MACLR:JUDGE`

Parameter/Response:

Example: `NRTM:MACLR:JUDGE?`

Description: You can judge pass or fail for Multi-ACLR in 5G TM Signal Analyzer

---

### **NRTM:MACLR:LOWer#:JUDGe**

Syntax: NRTM:MACLR:LOWer#:JUDGe

Parameter/Response:

Example: NRTM:MACLR:LOWer1:JUDGe?

Description: You can query pass or fail of each carrier for Multi-ACLR in 5G TM Signal Analyzer

### **NRTM:MACLR:POWer:REFeRence:LOWer**

Syntax: NRTM:MACLR:POWer:REFeRence:LOWer

Parameter/Response:

Example: NRTM:MACLR:POWer:REFeRence:LOWer?

Description: You can query Reference Power of lower carrier for Multi-ACLR in 5G TM Signal Analyzer

### **NRTM:MACLR:POWer:REFeRence:UPPer**

Syntax: NRTM:MACLR:POWer:REFeRence:UPPer

Parameter/Response:

Example: NRTM:MACLR:POWer:REFeRence:UPPer?

Description: You can query Reference Power of upper carrier for Multi-ACLR in 5G TM Signal Analyzer

### **NRTM:MACLR:RELative#:LOWer**

Syntax: NRTM:MACLR:RELative#:LOWer

Parameter/Response:

Example: NRTM:MACLR:RELative1:LOWer?

Description: You can query Relative power of each carrier in lower for Multi-ACLR in 5G TM Signal Analyzer

### **NRTM:MACLR:RELative#:UPPer**

Syntax: NRTM:MACLR:RELative#:UPPer

Parameter/Response:

Example: NRTM:MACLR:RELative1:UPPer?

Description: You can query Relative power of each carrier in upper for Multi-ACLR in 5G TM Signal Analyzer

### **NRTM:MACLR:TRACe:DATA**

Syntax: NRTM:MACLR:TRACe:DATA

Parameter/Response:

Example: NRTM:TRACe:DATA?

Description: You can query Trace Data for Multi-ACLR in 5G TM Signal Analyzer

---

### **NRTM:MACLR:UPPer#:JUDGe**

Syntax: NRTM:MACLR:UPPer#:JUDGe

Parameter/Response:

Example: NRTM:MACLR:UPPer1:JUDGe?

Description: You can query pass or fail of each upper carrier for Multi-ACLR in 5G TM Signal Analyzer

### **NRTM:MARKer#**

Syntax: NRTM:MARKer#

Parameter/Response: [Off | On]

Example: NRTM:MARKer1 On

Description: You can set each marker to on or off in 5G TM Signal Analyzer

### **NRTM:MARKer#:FREQuency**

Syntax: NRTM:MARKer#:FREQuency

Parameter/Response:

Example: NRTM:MARKer1:FREQuency 3000 MHz

Description: You can set marker frequency in 5G TM Signal Analyzer

### **NRTM:MARKer#:TYPE**

Syntax: NRTM:MARKer#:TYPE

Parameter/Response: [Normal | Delta | DeltaPair]

Example: NRTM:MARKer1:TYPE Normal

Description: You can set marker type options from Normal, Delta, and Delta Pair in 5G TM Signal Analyzer

### **NRTM:MARKer:AOff**

Syntax: NRTM:MARKer:AOff

Parameter/Response:

Example: NRTM:MARKer:AOff

Description: You can set markers to all of in 5G TM Signal Analyzer

### **NRTM:MARKer:MOVE:CENTer**

Syntax: NRTM:MARKer:MOVE:CENTer

Parameter/Response:

Example: NRTM:MARKer:MOVE:CENTer

Description: You can set marker to move to center in 5G TM Signal Analyzer

### **NRTM:MARKer:MOVE:START**

Syntax: NRTM:MARKer:MOVE:START

Parameter/Response:

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Example: `NRTM:MARKer:MOVE:START`

Description: You can set marker to move to start in 5G TM Signal Analyzer

#### **NRTM:MARKer:MOVE:STOP**

Syntax: `NRTM:MARKer:MOVE:STOP`

Parameter/Response:

Example: `NRTM:MARKer:MOVE:STOP`

Description: You can set marker to move to stop in 5G TM Signal Analyzer

#### **NRTM:MARKer:SEARch:LEFT**

Syntax: `NRTM:MARKer:SEARch:LEFT`

Parameter/Response:

Example: `NRTM:MARKer:SEARch:LEFT`

Description: You can set marker to Next Peak Left in 5G TM Signal Analyzer

#### **NRTM:MARKer:SEARch:MIN**

Syntax: `NRTM:MARKer:SEARch:MIN`

Parameter/Response:

Example: `NRTM:MARKer:SEARch:MIN`

Description: You can set marker to Min Search in 5G TM Signal Analyzer

#### **NRTM:MARKer:SEARch:NEXT**

Syntax: `NRTM:MARKer:SEARch:NEXT`

Parameter/Response:

Example: `NRTM:MARKer:SEARch:NEXT`

Description: You can set marker to Next Peak in 5G TM Signal Analyzer

#### **NRTM:MARKer:SEARch:PEAK**

Syntax: `NRTM:MARKer:SEARch:PEAK`

Parameter/Response:

Example: `NRTM:MARKer:SEARch:PEAK`

Description: You can set marker to Peak Search in 5G TM Signal Analyzer

#### **NRTM:MARKer:SEARch:RIGHT**

Syntax: `NRTM:MARKer:SEARch:RIGHT`

Parameter/Response:

Example: `NRTM:MARKer:SEARch:RIGHT`

Description: You can set marker to Next Peak Right in 5G TM Signal Analyzer

#### **NRTM:MARKer:SElect**

Syntax: `NRTM:MARKer:SElect`

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Parameter/Response: [Marker01 | Marker02 | Marker03 | Marker04 | Marker05 | Marker06]

Example: `NRTM:MARKer:SElect Marker01`

Description: You can select marker from 1 to 6 in 5G TM Signal Analyzer

### **NRTM:MODE**

Syntax: `NRTM:MODE`

Parameter/Response: [bsOutputPower | occupiedBW | adjacentChannelPower | multiAdjacentChannelPower | operatingBandUnwantedEmissions | transmitterSpuriousEmissions | transmitOnOffPower | constellation | timeAlignmentErrorMimo | timeAlignmentErrorCa]

Example: `NRTM:MODE occupiedBW`

Description: You can set measurement mode in 5G TM Signal Analyzer

### **NRTM:OBWidth:AVERage:CURRent**

Syntax: `NRTM:OBWidth:AVERage:CURRent`

Parameter/Response:

Example: `NRTM:OBWidth:AVERage:CURRent?`

Description: You can query current Average number for Occupied bandwidth in 5G TM Signal Analyzer

### **NRTM:OBWidth:JUDGE**

Syntax: `NRTM:OBWidth:JUDGE`

Parameter/Response:

Example: `NRTM:OBWidth:JUDGE?`

Description: You can judge pass or fail for Occupied Bandwidth in 5G TM Signal Analyzer

### **NRTM:OBWidth:MARKer#:DELTA:FREQuency**

Syntax: `NRTM:OBWidth:MARKer#:DELTA:FREQuency`

Parameter/Response:

Example: `NRTM:OBWidth:MARKer1:DELTA:FREQuency?`

Description: : You can query Occupied Bandwidth Delta Marker Frequency in 5G TM Signal Analyzer

### **NRTM:OBWidth:MARKer#:DELTA:Y**

Syntax: `NRTM:OBWidth:MARKer#:DELTA:Y`

Parameter/Response:

Example: `NRTM:OBWidth:MARKer1:DELTA:Y`

Description: You can query Delta Marker Power for Occupied Bandwidth in 5G TM Signal Analyzer

---

### **NRTM:OBWidth:MARKer#:FREQuency**

Syntax: NRTM:OBWidth:MARKer#:FREQuency

Parameter/Response:

Example: NRTM:OBWidth:MARKer1:FREQuency?

Description: You can query Occupied Bandwidth Marker Frequency in 5G TM Signal Analyzer

### **NRTM:OBWidth:MARKer#:Y**

Syntax: NRTM:OBWidth:MARKer#:Y

Parameter/Response:

Example: NRTM:OBWidth:MARKer1:Y?

Description: You can query Marker Power for Occupied Bandwidth in 5G TM Signal Analyzer

### **NRTM:OBWidth:OBWidth**

Syntax: NRTM:OBWidth:OBWidth

Parameter/Response:

Example: NRTM:OBWidth:OBWidth?

Description: You can query Occupied Bandwidth in 5G TM Signal Analyzer

### **NRTM:OBWidth:POWer:INTEgrated**

Syntax: NRTM:OBWidth:POWer:INTEgrated

Parameter/Response:

Example: NRTM:OBWidth:RESult:INTE:POWE?

Description: You can query integrated power for Occupied Bandwidth in 5G TM Signal Analyzer

### **NRTM:OBWidth:POWer:OCCupied**

Syntax: NRTM:OBWidth:POWer:OCCupied

Parameter/Response:

Example: NRTM:OBWidth:POWer:OCCupied?

Description: You can query occupied power for Occupied Bandwidth in 5G TM Signal Analyzer

### **NRTM:OBWidth:TRACe:DATA**

Syntax: NRTM:OBWidth:TRACe:DATA

Parameter/Response:

Example: NRTM:TRACe:DATA?

Description: You can query Trace Data for Occupied Bandwidth in 5G TM Signal Analyzer

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### **NRTM:PHase:TYPE**

Syntax: NRTM:PHase:TYPE

Parameter/Response: [Off | On]

Example: NRTM:PHase:TYPE On

Description: You can set phase correction to on or off in 5G TM Signal Analyzer

### **NRTM:PRESet**

Syntax: NRTM:PRESet

Parameter/Response:

Example: NRTM:PRESet

Description: You can preset 5G TM Signal Analyzer

### **NRTM:PRESet:MEASure**

Syntax: NRTM:PRESet:MEASure

Parameter/Response:

Example: NRTM:PRESet:MEASure

Description: You can preset measurements in 5G TM Signal Analyzer

### **NRTM:PVSTSymbol:AVERage:POWer**

Syntax: NRTM:PVSTSymbol:AVERage:POWer

Parameter/Response:

Example: NRTM:PVSTSymbol:AVERage:POWer?

Description: You can query PVST Symbol Average Power for Transmit ON/OFF Power in 5G TM Signal Analyzer

### **NRTM:RADiofrequency:CENTer1**

Syntax: NRTM:RADiofrequency:CENTer1

Parameter/Response:

Example: NRTM:RADiofrequency:CENTer1 1000.00 MHz

Description: You can set radio frequency to center frequency in 5G TM Signal Analyzer.

### **NRTM:SCALE:AUTO**

Syntax: NRTM:SCALE:AUTO

Parameter/Response:

Example: NRTM:SCALE:AUTO

Description: You can set auto scale in 5G TM Signal Analyzer.

### **NRTM:SEM:AVERage:CURRent**

Syntax: NRTM:SEM:AVERage:CURRent

Parameter/Response:



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**Example:** NRTM:SEM:AVERage:CURRent?

**Description:** You can query current Average number for Operating Band Unwanted Emissions in 5G TM Signal Analyzer

### **NRTM:SEM:CATegory**

**Syntax:** NRTM:SEM:CATegory

**Parameter/Response:** [WBSA | WBSB | MRBS | LABS]

**Example:** NRTM:SEM:CATegory WBSA

**Description:** You can set SEM category options from WBSA, WBSB, MRBS or LABS in 5G TM Signal Analyzer

### **NRTM:SEM:JUDGe**

**Syntax:** NRTM:SEM:JUDGe

**Parameter/Response:**

**Example:** NRTM:SEM:JUDGe?

**Description:** You can query pass or fail of Operating Band Unwanted Emissions in 5G TM Signal Analyzer

### **NRTM:SEM:MARKer#:DELTA:FREQuency**

**Syntax:** NRTM:SEM:MARKer#:DELTA:FREQuency

**Parameter/Response:**

**Example:** NRTM:SEM:MARKer1:DELTA:FREQuency?

**Description:** You can query Operating Band Unwanted Emissions Delta marker frequency in 5G TM Signal Analyzer

### **NRTM:SEM:MARKer#:DELTA:Y**

**Syntax:** NRTM:SEM:MARKer#:DELTA:Y

**Parameter/Response:**

**Example:** NRTM:SEM:MARKer1:DELTA:Y?

**Description:** You can query Operating Band Unwanted Emissions marker Delta y axis frequency in 5G TM Signal Analyzer

### **NRTM:SEM:MARKer#:FREQuency**

**Syntax:** NRTM:SEM:MARKer#:FREQuency

**Parameter/Response:**

**Example:** NRTM:SEM:MARKer1:FREQuency?

**Description:** You can query Operating Band Unwanted Emissions marker frequency in 5G TM Signal Analyzer

### **NRTM:SEM:MARKer#:Y**

**Syntax:** NRTM:SEM:MARKer#:Y

**Parameter/Response:**

**Example:** NRTM:SEM:MARKer1:Y?

---

Description: You can query Marker Power for Operating Band Unwanted Emissions in 5G TM Signal Analyzer

#### **NRTM:SEM:PEAK#:LOWer**

Syntax: NRTM:SEM:PEAK#:LOWer

Parameter/Response:

Example: NRTM:SEM:PEAK1:LOWer?

Description: You can query Peak power of each carrier in lower for Operating Band Unwanted Emissions in 5G TM Signal Analyzer

#### **NRTM:SEM:PEAK#:LOWer:JUDGe**

Syntax: NRTM:SEM:PEAK#:LOWer:JUDGe

Parameter/Response:

Example: NRTM:SEM:PEAK1:LOWer:JUDGe?

Description: You can query pass or fail of each carrier in lower for Operating Band Unwanted Emissions in 5G TM Signal Analyzer

#### **NRTM:SEM:PEAK#:UPPer**

Syntax: NRTM:SEM:PEAK#:UPPer

Parameter/Response:

Example: NRTM:SEM:PEAK1:UPPer?

Description: You can query Peak power of each carrier in upper for Operating Band Unwanted Emissions in 5G TM Signal Analyzer

#### **NRTM:SEM:PEAK#:UPPer:JUDGe**

Syntax: NRTM:SEM:PEAK#:UPPer:JUDGe

Parameter/Response:

Example: NRTM:SEM:PEAK1:UPPer:JUDGe?

Description: You can query pass or fail of each carrier in upper for Operating Band Unwanted Emissions in 5G TM Signal Analyzer

#### **NRTM:SEM:POWER:REference**

Syntax: NRTM:SEM:POWER:REference

Parameter/Response:

Example: NRTM:SEM:POWER:REference?

Description: You can query Operating Band Unwanted Emissions reference power in 5G TM Signal Analyzer

#### **NRTM:SEM:TRACe:DATA**

Syntax: NRTM:SEM:TRACe:DATA

Parameter/Response:

Example: NRTM:TRACe:DATA?

---

Description: You can query Trace Data of Operating Band Unwanted Emissions in 5G TM Signal Analyzer

#### **NRTM:SLOT**

Syntax: NRTM:SLOT

Parameter/Response:

Example: NRTM:SLOT 0

Description: You can set slot number in 5G TM Signal Analyzer

#### **NRTM:SPURious:CATegory**

Syntax: NRTM:SPURious:CATegory

Parameter/Response: [CategoryA | CategoryB]

Example: NRTM:SPURious:CATegory CategoryB

Description: You can set Transmitter Spurious Emissions category between Category A or Category B in 5G TM Signal Analyzer

#### **NRTM:SPURious:JUDGe**

Syntax: NRTM:SPURious:JUDGe

Parameter/Response:

Example: NRTM:SPURious:JUDGe?

Description: You can query pass or fail for Transmitter Spurious Emissions in 5G TM Signal Analyzer

#### **NRTM:SPURious:PEAK#:FREQuency**

Syntax: NRTM:SPURious:PEAK#:FREQuency

Parameter/Response:

Example: NRTM:SPURious:PEAK1:FREQuency?

Description: You can query Transmitter Spurious Emissions peak frequency in 5G TM Signal Analyzer

#### **NRTM:SPURious:PEAK#:JUDGe**

Syntax: NRTM:SPURious:PEAK#:JUDGe

Parameter/Response:

Example: NRTM:SPURious:PEAK1:JUDGe?

Description: You can query pass or fail of Peak power for Transmitter Spurious Emissions in 5G TM Signal Analyzer

#### **NRTM:SPURious:PEAK#:POWer**

Syntax: NRTM:SPURious:PEAK#:POWer

Parameter/Response:

Example: NRTM:SPURious:PEAK1:POWer?

Description: ou can query Peak Power for Transmitter Spurious Emissions in 5G TM Signal Analyzer

---

### **NRTM:SPURious:TRACe:DATA**

Syntax: NRTM:SPURious:TRACe:DATA

Parameter/Response:

Example: NRTM:TRACe:DATA?

Description: You can query Trace Data for Transmitter Spurious Emissions in 5G TM Signal Analyzer

### **NRTM:SPURious:TYPE**

Syntax: NRTM:SPURious:TYPE

Parameter/Response: [Transmitted | Receiver]

Example: NRTM:SPURious:TYPE Receiver

Description: You can set Transmitter Spurious Emissions measure type between Tranmitted and Receiver in 5G TM Signal Analyzer

### **NRTM:SSB:MODE**

Syntax: NRTM:SSB:MODE

Parameter/Response: [Start | Stop]

Example: NRTM:SSB:MODE Start

Description: You can set SSB Auto Search Mode between Start or Stop in 5G TM Signal Analyzer

### **NRTM:SSB:SCS**

Syntax: NRTM:SSB:SCS

Parameter/Response:

Example: NRTM:SSB:SCS 15 kHz

Description: You can set subcarrier spcing in 5G TM Signal Analyzer

### **NRTM:SWEEp:MODE**

Syntax: NRTM:SWEEp:MODE

Parameter/Response: [Continue | Single]

Example: NRTM:SWEEp:MODE Single

Description: You can set sweep mode between Continue and Single in 5G TM Signal Analyzer

### **NRTM:SWEEp:ONCE**

Syntax: NRTM:SWEEp:ONCE

Parameter/Response:

Example: NRTM:SWEEp:ONCE

Description: You can set sweep once in 5G TM Signal Analyzer

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### **NRTM:SYMBOLphase:TYPE**

Syntax: NRTM:SYMBOLphase:TYPE

Parameter/Response: [Auto | Manual | Off]

Example: NRTM:SYMBOLphase:TYPE Manual

Description: You can set symbol phase compensation from the options Auto, Manual or Off in 5G TM Signal Analyzer

### **NRTM:TAECA:FREQUENCY#**

Syntax: NRTM:TAECA:FREQUENCY#

Parameter/Response:

Example: NRTM:TAECA:FREQUENCY2 1200 MHz |

NRTM:TAECA:FREQUENCY2?

Description: You can set or query each carrier's center frequency in CA TAE in 5G TM Signal Analyzer

### **NRTM:TAECA:FREQUENCY:ONOFF#**

Syntax: NRTM:TAECA:FREQUENCY:ONOFF#

Parameter/Response: [Off | On]

Example: NRTM:TAECA:FREQUENCY:ONOFF

On | NRTM:TAECA:FREQUENCY:ONOFF?

Description: You can set each carrier's center frequency to on or off or query each carrier's center frequency in CA TAE in 5G TM Signal Analyzer

### **NRTM:TAEMIMO:SELECT:ANTENNA**

Syntax: NRTM:TAEMIMO:SELECT:ANTENNA

Parameter/Response: [1000 | 1001]

Example: NRTM:TAEMIMO:SELECT:ANTENNA 1001

Description: You can set MIMO TAE antenna port between 1000 and 1001 in 5G TM Signal Analyzer

### **NRTM:MODE:SELECT:TYPE**

Syntax: NRTM:MODE:SELECT:TYPE

Parameter/Response: [Slot | Frame]

Example: NRTM:MODE:SELECT:TYPE Frame

Description: You can select mode between Slot and Frame in Modulation Quality in 5G TM Signal Analyzer

### **NRTM:TAECA:TAEcenterfreq**

Syntax: NRTM:TAECA:TAEcenterfreq

Parameter/Response:

Example: NRTM:TAECA:TAEcenterfreq?

---

Description: You can query center frequency at a point when time alignment error is calculated in CA time alignment error in 5G TM Signal Analyzer

#### **NRTM:TAECa:TAEdiff**

Syntax: NRTM:TAECa:TAEdiff

Parameter/Response:

Example: NRTM:TAECa:TAEdiff?

Description: You can query CA time alignment error in 5G TM Signal Analyzer

#### **NRTM:TAECa:TAEpeak**

Syntax: NRTM:TAECa:TAEpeak

Parameter/Response:

Example: NRTM:TAECa:TAEpeak?

Description: You can query CA time alignment error peak value in 5G TM Signal Analyzer

#### **NRTM:TAECa:TAEpwr**

Syntax: NRTM:TAECa:TAEpwr

Parameter/Response:

Example: NRTM:TAECa:TAEpwr?

Description: You can query PDSCH DM-RS Power Difference for CA time alignment error in 5G TM Signal Analyzer

#### **NRTM:TAECa:TIMoffset:FREquency#**

Syntax: NRTM:TAECa:TIMoffset:FREquency#

Parameter/Response:

Example: NRTM:TAECa:TIMoffset:FREquency3?

Description: You can query each carrier's time offset in CA time alignment error in 5G TM Signal Analyzer

#### **NRTM:TAEMimo:TAEdiff**

Syntax: NRTM:TAEMimo:TAEdiff

Parameter/Response:

Example: NRTM:TAEMimo:TAEdiff?

Description: You can query MIMO time alignment error in 5G TM Signal Analyzer

#### **NRTM:TAEMimo:TAEpeak**

Syntax: NRTM:TAEMimo:TAEpeak

Parameter/Response:

Example: NRTM:TAEMimo:TAEpeak?

Description: You can query peak MIMO time alignment error in 5G TM Signal Analyzer

---

### **NRTM:TAEMimo:TAEAntport**

Syntax: NRTM:TAEMimo:TAEAntport

Parameter/Response:

Example: NRTM:TAEMimo:TAEAntport?

Description: You can query an antenna port with a larger time offset in MIMO time alignment error in 5G TM Signal Analyzer

### **NRTM:TAEMimo:TAEPOwer**

Syntax: NRTM:TAEMimo:TAEPOwer

Parameter/Response:

Example: NRTM:TAEMimo:TAEPOwer?

Description: You can query absolute value of PDSCH DM-RS Power Difference for the two antenna ports in MIMO Time Alignment Error in 5G TM Signal Analyzer

### **NRTM:TAEMimo:ANTenna#:RSPower**

Syntax: NRTM:TAEMimo:ANTenna#:RSPower

Parameter/Response:

Example: NRTM:TAEMimo:ANTenna01:RSPower?

Description: You can query PDSCH DM-RS Power for each antenna port in MIMO time alignment error in 5G TM Signal Analyzer

### **NRTM:TAEMimo:ANTenna#:TIMoffset**

Syntax: NRTM:TAEMimo:ANTenna#:TIMoffset

Parameter/Response:

Example: NRTM:TAEMimo:ANTenna01:TIMoffset?

Description: You can query each antenna port's time offset in MIMO time alignment error in 5G TM Signal Analyzer

### **NRTM:TRIGger:BURSt**

Syntax: NRTM:TRIGger:BURSt

Parameter/Response: [Off | On]

Example: NRTM:TRIGger:BURSt On

Description: You can set burst sweep spectrum to on or off in 5G TM Signal Analyzer

### **NRTM:TRIGger:MODE**

Syntax: NRTM:TRIGger:MODE

Parameter/Response: [Internal | External | GNSS]

Example: NRTM:TRIGger:MODE External

Description: You can set trigger mode options from Internal, External, and GNSS in 5G TM Signal Analyzer

---

### **NRTM:RELVersion:TYPE**

Syntax: NRTM:RELVersion:TYPE

Parameter/Response: V15-2-0-2019-06|V15-4-0-2019-12|V16-4-0-2020-06|V16-5-0-2020-09

Example: NRTM:RELVersion:TYPE 'V15-2-0-2019-06'

Description: You can recall 3GPP Release Version.

## **5G DSS Signal Analysis Commands**

The commands described in this section concern the functions accessible to configure 5G DSS signal analysis. All the commands are functions accessible with the Quick Access and Display tab key of the instrument.

### **DSS:HW:SOURce:CLOCK:SElect**

Syntax: DSS:HW:SOURce:CLOCK:SElect

Parameter/Response: [Internal | External | GNSS]

Example: DSS:HW:SOURce:CLOCK:SElect External

Description: You can set frequency reference from External, Internal, or GNSS in DSS Signal Analyzer

### **DSS:AMPLitude:PREAmp:AUTO**

Syntax: DSS:AMPLitude:PREAmp:AUTO

Parameter/Response: On|Off

Example: DSS:AMPLitude:PREAmp:AUTO On

Description: You can set Auto Preamp to On or Off in DSS Signal Analyzer

### **DSS:GSCN**

Syntax: DSS:GSCN

Parameter/Response:

Example: DSS:GSCN 2386

Description: You can set GSCN number in DSS Signal Analyzer

### **DSS:PORT:NTYPE:USE**

Syntax: DSS:PORT:NTYPE:USE

Parameter/Response:

Example: DSS:PORT:NTYPE:USE On

Description: You can set N-Type Port to On or Off in DSS Signal Analyzer

### **DSS:AMPLitude:LINearity**

Syntax: DSS:AMPLitude:LINearity

Parameter/Response: Normal|High

Example: DSS:AMPLitude:LINearity High



---

Description: You can set Linearity mode to Normal or High in DSS Signal Analyzer

#### **DSS:AMPLitude:LNA:MODE**

Syntax: DSS:AMPLitude:LNA:MODE

Parameter/Response: On|Off

Example: DSS:AMPLitude:LNA:MODE On

Description: You can set External LNA Mode to On or Off in DSS Signal Analyzer

#### **DSS:NR:FRAME:DATA:EVM:PEAK:NORMal**

Syntax: DSS:NR:FRAME:DATA:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:NR:FRAME:DATA:EVM:PEAK:NORMal?

Description: You can query NR Data EVM Peak in Frame measurement of DSS Signal Analyzer

#### **DSS:NR:FRAME:DATA:EVM:RMS:NORMal**

Syntax: DSS:NR:FRAME:DATA:EVM:RMS:NORMal

Parameter/Response:

Example: :DSS:NR:FRAME:DATA:EVM:RMS:NORMal?

Description: You can query NR Data EVM RMS in Frame measurement of DSS Signal Analyzer

#### **DSS:AMPLitude:ATTenuation:MODE**

Syntax: DSS:AMPLitude:ATTenuation:MODE

Parameter/Response: [Auto | Couple | Manual]

Example: DSS:AMPLitude:ATTenuation:MODE Manual

Description: You can set attenuation mode in DSS Signal Analyzer

#### **DSS:AMPLitude:ATTenuation:VALue**

Syntax: DSS:AMPLitude:ATTenuation:VALue

Parameter/Response:

Example: DSS:AMPLitude:ATTenuation:VALue 20

Description: You can set attenuation value in DSS Signal Analyzer

#### **DSS:AMPLitude:EXTernal**

Syntax: DSS:AMPLitude:EXTernal

Parameter/Response:

Example: DSS:AMPLitude:EXTernal 23.3

Description: You can set or query External Offset in DSS Signal Analyzer

---

### **DSS:AMPLitude:EXternal:MODE**

Syntax: DSS:AMPLitude:EXternal:MODE

Parameter/Response: [Off | On]

Example: DSS:AMPLitude:EXternal:MODE Off

Description: You can set On/Off the External Offset mode or query external offset mode in DSS Signal Analyzer

### **DSS:AMPLitude:REference:LEVel**

Syntax: DSS:AMPLitude:REference:LEVel

Parameter/Response:

Example: DSS:AMPLitude:REference:LEVel 30

Description: You can set Reference level in DSS Signal Analyzer

### **DSS:AMPLitude:REference:LEVel:ABSolute**

Syntax: DSS:AMPLitude:REference:LEVel:ABSolute

Parameter/Response:

Example: DSS:AMPLitude:REference:LEVel:ABSolute 30

Description: You can set absolute reference level in DSS Signal Analyzer

### **DSS:AMPLitude:REference:LEVel:RELative**

Syntax: DSS:AMPLitude:REference:LEVel:RELative

Parameter/Response:

Example: DSS:AMPLitude:REference:LEVel:RELative 30

Description: You can set relative reference level in DSS Signal Analyzer

### **DSS:AMPLitude:REference:MODE**

Syntax: DSS:AMPLitude:REference:MODE

Parameter/Response: [Relative | Absolute]

Example: DSS:AMPLitude:REference:MODE Relative

Description: You can set Reference Mode in DSS Signal Analyzer

### **DSS:AMPLitude:REference:TIME**

Syntax: DSS:AMPLitude:REference:TIME

Parameter/Response:

Example: DSS:AMPLitude:REference:TIME 200

Description: You can set Reference Time in DSS Signal Analyzer

### **DSS:AMPLitude:SCALE**

Syntax: DSS:AMPLitude:SCALE

Parameter/Response:

Example: DSS:AMPLitude:SCALE 9

---

Description: You can set or query amplitude scale in DSS Signal Analyzer

#### **DSS:AMPLitude:SCALE:UNIT**

Syntax: DSS:AMPLitude:SCALE:UNIT

Parameter/Response: [dBm | dBV | dBmV | dBuV | V | W]

Example: DSS:AMPLitude:SCALE:UNIT dBV

Description: You can set Scale unit in DSS Signal Analyzer

#### **DSS:AMPLitude:PREAmp:DNC:FIRSt**

Syntax: DSS:AMPLitude:PREAmp:DNC:FIRSt

Parameter/Response: [Off | On]

Example: DSS:AMPLitude:PREAmp:DNC:FIRSt Off

Description: You can set on or off the First Preamp for DNC in DSS Signal Analyzer

#### **DSS:AMPLitude:PREAmp:FIRSt**

Syntax: DSS:AMPLitude:PREAmp:FIRSt

Parameter/Response: [Off | On]

Example: DSS:AMPLitude:PREAmp:FIRSt Off

Description: You can set first pre amplitude to on or off in DSS Signal Analyzer

#### **DSS:AMPLitude:PREAmp:SECond**

Syntax: DSS:AMPLitude:PREAmp:SECond

Parameter/Response: [Off | On]

Example: DSS:AMPLitude:PREAmp:SECond Off

Description: You can set second pre amplitude to on or off in DSS Signal Analyzer

#### **DSS:ANTenna:SElect**

Syntax: DSS:ANTenna:SElect

Parameter/Response: [Auto | Antenna0 | Antenna1 | Antenna2 | Antenna3]

Example: DSS:ANTenna:SElect Antenna0

Description: You can select Antenna in DSS Signal Analyzer

#### **DSS:GNSS:MODE**

Syntax: DSS:GNSS:MODE

Parameter/Response: UTC|UTC2000|UTC3000|UTC5000

Example: DSS:GNSS:MODE UTC2000 | DSS:GNSS:MODE?

Description: You can set or query GNSS Trigger mode in DSS Signal Analyzer

#### **DSS:AVERage**

Syntax: DSS:AVERage

---

Parameter/Response:

Example: `DSS:AVERAge 10`

Description: You can set Average in DSS Signal Analyzer

#### **DSS:CALCulate:TRACe5**

Syntax: `DSS:CALCulate:TRACe5`

Parameter/Response:

Example: `DSS:CALCulate:TRACe5`

Description: You can calculate T1-T2 and input the result value to T5 in DSS Signal Analyzer

#### **DSS:CALCulate:TRACe6**

Syntax: `DSS:CALCulate:TRACe6`

Parameter/Response:

Example: `DSS:CALCulate:TRACe6`

Description: You can calculate T2-T1 and input the result value to T6 in DSS Signal Analyzer

#### **DSS:CAPTure:IQ**

Syntax: `DSS:CAPTure:IQ`

Parameter/Response:

Example: `DSS:CAPTure:IQ`

Description: You can set capture with IQ in DSS Signal Analyzer

#### **DSS:CAPTure:IQ:STATus**

Syntax: `DSS:CAPTure:IQ:STATus`

Parameter/Response: `-1 | 0 | 1`

Example: `DSS:CAPTure:IQ:STATus?`

Description: You can check the Capture IQ data status in designated file name of internal folder in Spectrum measurement of DSS Signal Analyzer. Note that if the return is 0 or -1, the file is saved successfully and 1 means the file is saving.

#### **DSS:CARRier:SCANner:CANCel**

Syntax: `DSS:CARRier:SCANner:CANCel`

Description: You can cancel carrier auto search

#### **DSS:CARRier:SCANner:RUN**

Syntax: `DSS:CARRier:SCANner:RUN`

Description: You can run carrier auto search

#### **DSS:CCDF:LENGth**

Syntax: `DSS:CCDF:LENGth`

---

Parameter/Response:

Example: `DSS:CCDF:LENGTH 100`

Description: You can set CCDF length in CCDF measurement of DSS Signal Analyzer

#### **DSS:CELL:ID:MODE**

Syntax: `DSS:CELL:ID:MODE`

Parameter/Response: [Auto | Manual]

Example: `DSS:CELL:ID:MODE Auto`

Description: You can set Cell ID Mode of Carrier Channel in DSS Signal Analyzer

#### **DSS:CELL:ID:NUMBER**

Syntax: `DSS:CELL:ID:NUMBER`

Parameter/Response:

Example: `DSS:CELL:ID:NUMBER 503`

Description: You can set Cell ID number in DSS Signal Analyzer

#### **DSS:CFI:MODE**

Syntax: `DSS:CFI:MODE`

Parameter/Response: [Auto | Manual]

Example: `DSS:CFI:MODE Manual`

Description: You can set CFI Mode in DSS Signal Analyzer

#### **DSS:CFI: NUMBER**

Syntax: `DSS:CFI: NUMBER`

Parameter/Response:

Example: `DSS:CFI: NUMBER3`

Description: You can set CFI number in DSS Signal Analyzer

#### **DSS:CHANnel:NUMBER**

Syntax: `DSS:CHANnel:NUMBER`

Parameter/Response:

Example: `DSS:CHANnel:NUMBER 10`

Description: You can set or query Channel number in DSS Signal Analyzer

#### **DSS:CHANnel:PDC:MODE**

Syntax: `DSS:CHANnel:PDC:MODE`

Parameter/Response: [REG | Average]

Example: `DSS:CHANnel:PDC:MODE REG`

Description: You can set mode for PDCCH in DSS Signal Analyzer

---

### **DSS:CHANnel:PDC:THReshold**

Syntax: DSS:CHANnel:PDC:THReshold

Parameter/Response:

Example: DSS:CHANnel:PDC:THReshold -80

Description: You can set Threshold value of PDCCH in DSS Signal Analyzer

### **DSS:CHANnel:PDS:PRECoding**

Syntax: DSS:CHANnel:PDS:PRECoding

Parameter/Response: [Off | On]

Example: DSS:CHANnel:PDS:PRECoding Off

Description: You can set On or Off the PDSCH Precoding in DSS Signal Analyzer

### **DSS:CHANnel:PDS:THReshold**

Syntax: DSS:CHANnel:PDS:THReshold

Parameter/Response:

Example: DSS:CHANnel:PDS:THReshold -80

Description: You can set Threshold value of PDSCH in DSS Signal Analyzer

### **DSS:CHANnel:PDS:TYPE**

Syntax: DSS:CHANnel:PDS:TYPE

Parameter/Response: [Auto | QPSK | QAM16 | QAM64 | QAM256 | E-TM3.3 | E-TM3.2 | E-TM3.1a | E-TM3.1 | E-TM2a | E-TM2 | E-TM1.2 | E-TM1.1]

Example: DSS:CHANnel:PDS:TYPE E-TM3.1

Description: You can select the PDSCH Modulation Type of Carrier Channel in DSS Signal Analyzer

### **DSS:CHANnel:PHI:NG**

Syntax: DSS:CHANnel:PHI:NG

Parameter/Response: [1/6 | 1/2 | 1 | 2 | E-1/6 | E-1/2 | E-1 | E-2]

Example: DSS:CHANnel:PHI:NG E-1/6

Description: You can set PHICH Ng of Carrier Channel in DSS Signal Analyzer

### **DSS:CHANnel:STANdard**

Syntax: DSS:CHANnel:STANdard

Parameter/Response:

Example: DSS:CHANnel:STANdard 201

Description: You can set or query Standard Channel Number in DSS Signal Analyzer

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### **DSS:CHANnel:STEP**

Syntax: DSS:CHANnel:STEP

Parameter/Response:

Example: DSS:CHANnel:STEP 10

Description: You can set channel step in DSS Signal Analyzer

### **DSS:CONTRol:CHANnel:SElect**

Syntax: DSS:CONTRol:CHANnel:SElect

Description: You can set channel step in DSS Signal Analyzer

### **DSS:CS#:ATTenuation**

Syntax: DSS:CS#:ATTenuation

Description: You can set autenuation of channel scanner in DSS Signal Analyzer

### **DSS:CS#:EXTernal:OFFSet:MODE**

Syntax: DSS:CS#:EXTernal:OFFSet:MODE

Description: You can set channel scanner external offset on/off in DSS Signal Analyzer

### **DSS:CS#:EXTernal:OFFSet:VALue**

Syntax: DSS:CS#:EXTernal:OFFSet:VALue

Description: You can set channel scanner external offset value in DSS Signal Analyzer

### **DSS:CS#:FIRSt:AMP**

Syntax: DSS:CS#:FIRSt:AMP

Description: You can set preamp 1 of channel scanner in DSS Signal Analyzer

### **DSS:CS#:SECond:AMP**

Syntax: DSS:CS#:SECond:AMP

Description: You can set preamp 2 of channel scanner in DSS Signal Analyzer

### **DSS:CS:STATe:CS#**

Syntax: DSS:CS:STATe:CS#

Parameter/Response: On|Off

Example: DSS:CS:STATe:CS1 On

Description: You can set channel measure to On or Off in DSS Signal Analyzer

### **DSS:CS:BW:CS#**

Syntax: DSS:CS:BW:CS#

---

Parameter/Response: Bandwidth5| Bandwidth10|Bandwidth15| Bandwidth20  
Example: DSS:CS:BW:CS1 Bandwidth5  
Description: You can set or query channel bandwidth in DSS Signal Analyzer

#### **DSS:CS:CHANnel:NUMBer:CS#**

Syntax: DSS:CS:CHANnel:NUMBer:CS#  
Parameter/Response:  
Example: DSS:CS:CHANnel:NUMBer:CS1 1  
Description: You can set or query channel number in DSS Signal Analyzer

#### **DSS:CS:CHANnel:STANdard:CS#**

Syntax: DSS:CS:CHANnel:STANdard:CS#  
Parameter/Response:  
Example: DSS:CS:CHANnel:STANdard:CS1 201  
Description: You can set or query channel standard in DSS Signal Analyzer

#### **DSS:CS:CHANnel:STANdard:STRing:CS#**

Syntax: DSS:CS:CHANnel:STANdard:STRing:CS#  
Parameter/Response:  
Example: DSS:CS:CHANnel:STANdard:STRing:CS1 Band1  
Description: You can get Channel Standard name of Channel# in Channel Scanner measurement of DSS Signal Analyzer

#### **DSS:CS:FREQuency:CENTer:CS#**

Syntax: DSS:CS:FREQuency:CENTer:CS#  
Parameter/Response:  
Example: DSS:CS:FREQuency:CENTer:CS1 1000  
Description: You can set or query channel frequency in DSS Signal Analyzer

#### **DSS:CURSor:TIME**

Syntax: DSS:CURSor:TIME  
Parameter/Response: [Off | On]  
Example: DSS:CURSor:TIME Off  
Description: You can set Time Cursor on/off in DSS Signal Analyzer

#### **DSS:CYCLic:MODE**

Syntax: DSS:CYCLic:MODE  
Parameter/Response: [Extended | Normal]  
Example: DSS:CYCLic:MODE Extended  
Description: You can set Cyclic mode in DSS Signal Analyzer



---

### **DSS:DATAgram:RB**

Syntax: DSS:DATAgram:RB

Parameter/Response:

Example: DSS:DATAgram:RB 12

Description: You can set RB number in OTA Datagram measurement in DSS Signal Analyzer

### **DSS:DElay**

Syntax: DSS:DElay

Parameter/Response:

Example: DSS:DElay 10

Description: You can set Delay in DSS Signal Analyzer

### **DSS:DISPlay:CHART:MODE**

Syntax: DSS:DISPlay:CHART:MODE

Parameter/Response: [Off | On]

Example: DSS:DISPlay:CHART:MODE On

Description: You can set Display Chart Mode in DSS Signal Analyzer

### **DSS:DISPlay:CHART:TYPE**

Syntax: DSS:DISPlay:CHART:TYPE

Parameter/Response: [Modulation | Spectrum]

Example: DSS:DISPlay:CHART:TYPE Modulation

Description: You can select Modulation or Spectrum for Display chart in measurement of DSS Signal Analyzer

### **DSS:DISPlay:DATA:CHANnel**

Syntax: DSS:DISPlay:DATA:CHANnel

Parameter/Response: [PDSCH | PMCH | Both]

Example: DSS:DISPlay:DATA:CHANnel PMCH

Description: You can set Display Data Channel in DSS Signal Analyzer

### **DSS:DISPlay:ITEM**

Syntax: DSS:DISPlay:ITEM

Parameter/Response: [Power | EVM]

Example: DSS:DISPlay:ITEM Power

Description: You can set Display item in DSS Signal Analyzer

### **DSS:DISPlay:OPTion**

Syntax: DSS:DISPlay:OPTion

Parameter/Response: [Off | On | Blink]

---

Example: `DSS:DISPlay:OPTion Blink`

Description: You can set Display option in DSS Signal Analyzer

### **DSS:DISPlay:REference**

Syntax: `DSS:DISPlay:REference`

Parameter/Response: `[RS | Sync]`

Example: `DSS:DISPlay:REference Sync`

Description: You can set Display Reference in DSS Signal Analyzer

### **DSS:DISPlay:TRANsparency**

Syntax: `DSS:DISPlay:TRANsparency`

Parameter/Response:

Example: `DSS:DISPlay:TRANsparency 55`

Description: You can set transparency of ArisoGEO Map in DSS Signal Analyzer

### **DSS:EVM:DETECT:MODE**

Syntax: `DSS:EVM:DETECT:MODE`

Parameter/Response: `[Single | Combine]`

Example: `DSS:EVM:DETECT:MODE Combine`

Description: You can set EVM Detect mode in DSS Signal Analyzer

### **DSS:FREQuency:OFFSet:TREND:REference**

Syntax: `DSS:FREQuency:OFFSet:TREND:REference`

Parameter/Response:

Example: `DSS:FREQuency:OFFSet:TREND:REference?`

Description: You can set frequency offset reference in DSS Signal Analyzer

### **DSS:FREQuency:OFFSet:TREND:SCALE**

Syntax: `DSS:FREQuency:OFFSet:TREND:SCALE`

Parameter/Response:

Example: `DSS:FREQuency:OFFSet:TREND:SCALE?`

Description: You can set frequency offset scale in DSS Signal Analyzer

### **DSS:FREQuency:RANGE**

Syntax: `DSS:FREQuency:RANGE`

Parameter/Response: `[Auto | 5MHz | 10MHz | 15MHz | 20MHz | 25MHz | 30MHz | 40MHz | 50MHz | 60MHz | 70MHz | 80MHz | 90MHz | 100MHz | 200MHz | 400MHz]`

Example: `DSS:FREQuency:RANGE FR1`

Description: You can set the frequency range in DSS Signal Analyzer

---

## **DSS:HOLD**

Syntax: DSS:HOLD

Parameter/Response: [Off | On]

Example: DSS:HOLD On

Description: You can set DSS hold mode on or off in DSS Signal Analyzer

## **DSS:HOLD:EVENT**

Syntax: DSS:HOLD:EVENT

Parameter/Response: [Off | On]

Example: DSS:HOLD:EVENT Off

Description: You can set On or Off for Event Hold in DSS Signal Analyzer

## **DSS:LIMit:ACP:MODE**

Syntax: DSS:LIMit:ACP:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:ACP:MODE Off

Description: You can set limit On or Off for ACP in DSS Signal Analyzer

## **DSS:LIMit:CA:INTRa:CONTInue:TAE:HIGH**

Syntax: DSS:LIMit:CA:INTRa:CONTInue:TAE:HIGH

Parameter/Response:

Example: DSS:LIMit:CA:INTRa:CONTInue:TAE:HIGH 30

Description: You can set high Time Alignment Error for Intra continue in DSS Signal Analyzer

## **DSS:LIMit:CA:INTRa:NON:TAE:HIGH**

Syntax: DSS:LIMit:CA:INTRa:NON:TAE:HIGH

Parameter/Response:

Example: DSS:LIMit:CA:INTRa:NON:TAE:HIGH 30

Description: You can set high Time Alignment Error for Intra non-continue in DSS Signal Analyzer

## **DSS:LIMit:CA:INTER:BAND:TAE:HIGH**

Syntax: DSS:LIMit:CA:INTER:BAND:TAE:HIGH

Parameter/Response:

Example: DSS:LIMit:CA:INTER:BAND:TAE:HIGH 30

Description: You can set high Time Alignment Error for Inter band in DSS Signal Analyzer

## **DSS:LIMit:CHANnel:PDS:EVM:QAM16:HIGH**

Syntax: DSS:LIMit:CHANnel:PDS:EVM:QAM16:HIGH

---

Parameter/Response:

Example: `DSS:LIMit:CHANnel:PDS:EVM:QAM16:HIGH 8`

Description: You can set high limit of EVM PDSCH QAM16 in DSS Signal Analyzer

#### **DSS:LIMit:CHANnel:PDS:EVM:QAM256:HIGH**

Syntax: `DSS:LIMit:CHANnel:PDS:EVM:QAM256:HIGH`

Parameter/Response:

Example: `DSS:LIMit:CHANnel:PDS:EVM:QAM256:HIGH 8`

Description: You can set high limit of EVM PDSCH QAM256 in DSS Signal Analyzer

#### **DSS:LIMit:CHANnel:PDS:EVM:QAM64:HIGH**

Syntax: `DSS:LIMit:CHANnel:PDS:EVM:QAM64:HIGH`

Parameter/Response:

Example: `DSS:LIMit:CHANnel:PDS:EVM:QAM64:HIGH 8`

Description: You can set high limit of EVM PDSCH QAM64 in DSS Signal Analyzer

#### **DSS:LIMit:CHANnel:PDS:EVM:MODE**

Syntax: `DSS:LIMit:CHANnel:PDS:EVM:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:CHANnel:PDS:EVM:MODE Off`

Description: You can set limit on or off for EVM PDSCH in DSS Signal Analyzer

#### **DSS:LIMit:CHANnel:PDS:EVM:QPSK:HIGH**

Syntax: `DSS:LIMit:CHANnel:PDS:EVM:QPSK:HIGH`

Parameter/Response:

Example: `DSS:LIMit:CHANnel:PDS:EVM:QPSK:HIGH 8`

Description:

#### **DSS:LIMit:CHANnel:POWer:HIGH**

Syntax: `DSS:LIMit:CHANnel:POWer:HIGH`

Parameter/Response:

Example: `DSS:LIMit:CHANnel:POWer:HIGH 32`

Description: You can set high limit of Channel Power in DSS Signal Analyzer

#### **DSS:LIMit:CHANnel:POWer:LOW**

Syntax: `DSS:LIMit:CHANnel:POWer:LOW`

Parameter/Response:

Example: `DSS:LIMit:CHANnel:POWer:LOW 30`

Description: You can set low limit of Channel Power in DSS Signal Analyzer

---

#### **DSS:LIMit:CHANnel:POWer:MODE**

Syntax: DSS:LIMit:CHANnel:POWer:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:CHANnel:POWer:MODE Off

Description: You can set Limit On or Off in Channel Poweer Measurement of DSS Signal Analyzer

#### **DSS:LIMit:CHANnel:SCANner:HIGH**

Syntax: DSS:LIMit:CHANnel:SCANner:HIGH

Parameter/Response:

Example: DSS:LIMit:CHANnel:SCANner:HIGH 30

Description: You can set high limit of Channel Scanner in DSS Signal Analyzer

#### **DSS:LIMit:CHANnel:SCANner:MODE**

Syntax: DSS:LIMit:CHANnel:SCANner:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:CHANnel:SCANner:MODE Off

Description: You can set Limit Line On or Off in Channel Scanner Measurement of DSS Signal Analyzer

#### **DSS:LIMit:DATA:PEAK:EVM:HIGH**

Syntax: DSS:LIMit:DATA:PEAK:EVM:HIGH

Parameter/Response:

Example: DSS:LIMit:DATA:PEAK:EVM:HIGH 8

Description: You can set high limit of EVM data peak in DSS Signal Analyzer

#### **DSS:LIMit:DATA:PEAK:EVM:MODE**

Syntax: DSS:LIMit:DATA:PEAK:EVM:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:DATA:PEAK:EVM:MODE Off

Description: You can set limit on or off for EVM data peak in DSS Signal Analyzer

#### **DSS:LIMit:DATA:PMCH:QAM16:EVM:HIGH**

Syntax: DSS:LIMit:DATA:PMCH:QAM16:EVM:HIGH

Parameter/Response:

Example: DSS:LIMit:DATA:PMCH:QAM16:EVM:HIGH 8

Description: You can set high limit of EVM PMCH QAM16 in DSS Signal Analyzer

#### **DSS:LIMit:DATA:PMCH:QAM256:EVM:HIGH**

Syntax: DSS:LIMit:DATA:PMCH:QAM256:EVM:HIGH

---

Parameter/Response:

Example: `DSS:LIMit:DATA:PMCH:QAM256:EVM:HIGH 8`

Description: You can set high limit of EVM PMCH QAM256 in DSS Signal Analyzer

#### **DSS:LIMit:DATA:PMCH:QAM64:EVM:HIGH**

Syntax: `DSS:LIMit:DATA:PMCH:QAM64:EVM:HIGH`

Parameter/Response:

Example: `DSS:LIMit:DATA:PMCH:QAM64:EVM:HIGH 8`

Description: You can set high limit of EVM PMCH QAM64 in DSS Signal Analyzer

#### **DSS:LIMit:DATA:PMCH:QPSK:EVM:HIGH**

Syntax: `DSS:LIMit:DATA:PMCH:QPSK:EVM:HIGH`

Parameter/Response:

Example: `DSS:LIMit:DATA:PMCH:QPSK:EVM:HIGH 8`

Description: You can set high limit of EVM PMCH QPSK in DSS Signal Analyzer

#### **DSS:LIMit:DATA:PSS:EVM:HIGH**

Syntax: `DSS:LIMit:DATA:PSS:EVM:HIGH`

Parameter/Response:

Example: `DSS:LIMit:DATA:PSS:EVM:HIGH 8`

Description: You can set high limit of EVM PSS in DSS Signal Analyzer

#### **DSS:LIMit:DATA:RMS:EVM:HIGH**

Syntax: `DSS:LIMit:DATA:RMS:EVM:HIGH`

Parameter/Response:

Example: `DSS:LIMit:DATA:RMS:EVM:HIGH 8`

Description: You can set high limit of EVM data RMS in DSS Signal Analyzer

#### **DSS:LIMit:DATA:RMS:EVM:MODE**

Syntax: `DSS:LIMit:DATA:RMS:EVM:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:DATA:RMS:EVM:MODE Off`

Description: You can set limit on or off for EVM data RMS in DSS Signal Analyzer

#### **DSS:LIMit:DATA:RS:EVM:HIGH**

Syntax: `DSS:LIMit:DATA:RS:EVM:HIGH`

Parameter/Response:

Example: `DSS:LIMit:DATA:RS:EVM:HIGH 8`

Description: You can set high limit of EVM RS in DSS Signal Analyzer

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#### **DSS:LIMit:DATA:SSS:EVM:HIGH**

Syntax: DSS:LIMit:DATA:SSS:EVM:HIGH

Parameter/Response:

Example: DSS:LIMit:DATA:SSS:EVM:HIGH 8

Description: You can set high limit of EVM SSS in DSS Signal Analyzer

#### **DSS:LIMit:DL:RS:POWer:HIGH**

Syntax: DSS:LIMit:DL:RS:POWer:HIGH

Parameter/Response:

Example: DSS:LIMit:DL:RS:POWer:HIGH 8

Description: You can set high limit of Downlink RS power in DSS Signal Analyzer

#### **DSS:LIMit:DL:RS:POWer:LOW**

Syntax: DSS:LIMit:DL:RS:POWer:LOW

Parameter/Response:

Example: DSS:LIMit:DL:RS:POWer:LOW 30

Description: You can set low limit of Downlink RS power in DSS Signal Analyzer

#### **DSS:LIMit:DL:RS:POWer:MODE**

Syntax: DSS:LIMit:DL:RS:POWer:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:DL:RS:POWer:MODE Off

Description: You can set limit on or off for Downlink RS Power in DSS Signal Analyzer

#### **DSS:LIMit:FRAMe:AVERage:POWer:HIGH**

Syntax: DSS:LIMit:FRAMe:AVERage:POWer:HIGH

Parameter/Response:

Example: DSS:LIMit:FRAMe:AVERage:POWer:HIGH -30

Description: You can set high limit of frame average power in DSS Signal Analyzer

#### **DSS:LIMit:FRAMe:AVERage:POWer:LOW**

Syntax: DSS:LIMit:FRAMe:AVERage:POWer:LOW

Parameter/Response:

Example: DSS:LIMit:FRAMe:AVERage:POWer:LOW 30

Description: You can set low limit of frame average power in DSS Signal Analyzer

#### **DSS:LIMit:FRAMe:AVERage:POWer:MODE**

Syntax: DSS:LIMit:FRAMe:AVERage:POWer:MODE

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Parameter/Response: [Off | On]

Example: `DSS:LIMit:FRAMe:AVERage:POWEr:MODE Off`

Description: You can set limit on or off for Frame Average Power in DSS Signal Analyzer

#### **DSS:LIMit:FREQuency:ERRor:HIGh**

Syntax: `DSS:LIMit:FREQuency:ERRor:HIGh`

Parameter/Response:

Example: `DSS:LIMit:FREQuency:ERRor:HIGh 0.001`

Description: You can set high limit of Frequency Error in DSS Signal Analyzer

#### **DSS:LIMit:FREQuency:ERRor:LOW**

Syntax: `DSS:LIMit:FREQuency:ERRor:LOW`

Parameter/Response:

Example: `DSS:LIMit:FREQuency:ERRor:LOW 30`

Description: You can set low limit of Frequency Error in DSS Signal Analyzer

#### **DSS:LIMit:FREQuency:ERRor:MODE**

Syntax: `DSS:LIMit:FREQuency:ERRor:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:FREQuency:ERRor:MODE Off`

Description: You can set limit on or off for Frequency Error in DSS Signal Analyzer

#### **DSS:LIMit:IQ:ORIGin:OFFSet:HIGh**

Syntax: `DSS:LIMit:IQ:ORIGin:OFFSet:HIGh`

Parameter/Response:

Example: `DSS:LIMit:IQ:ORIGin:OFFSet:HIGh 30`

Description: You can set high limit of IQ Origin Offset in DSS Signal Analyzer

#### **DSS:LIMit:IQ:ORIGin:OFFSet:MODE**

Syntax: `DSS:LIMit:IQ:ORIGin:OFFSet:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:IQ:ORIGin:OFFSet:MODE Off`

Description: You can set limit on or off for IQ Origin Offset in DSS Signal Analyzer

#### **DSS:LIMit:MACP:MODE**

Syntax: `DSS:LIMit:MACP:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:MACP:MODE Off`

Description: You can set limit on or off for MACP in DSS Signal Analyzer



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### **DSS:LIMit:MIMO:TAE:HIGH**

Syntax: DSS:LIMit:MIMO:TAE:HIGH

Parameter/Response:

Example: DSS:LIMit:MIMO:TAE:HIGH 30

Description: You can set high limit of Time Alignment Error for MIMO in DSS Signal Analyzer

### **DSS:LIMit:OCCupied:BW:HIGH**

Syntax: DSS:LIMit:OCCupied:BW:HIGH

Parameter/Response:

Example: DSS:LIMit:OCCupied:BW:HIGH 32

Description: You can set high limit of Occupied Bandwidth in DSS Signal Analyzer

### **DSS:LIMit:OCCupied:BW:MODE**

Syntax: DSS:LIMit:OCCupied:BW:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:OCCupied:BW:MODE Off

Description: You can set limit on or off for Occupied Bandwidth in DSS Signal Analyzer

### **DSS:LIMit:OFDM:POWer:HIGH**

Syntax: DSS:LIMit:OFDM:POWer:HIGH

Parameter/Response:

Example: DSS:LIMit:OFDM:POWer:HIGH -30

Description: You can set high limit of OFDM power in DSS Signal Analyzer

### **DSS:LIMit:OFDM:POWer:LOW**

Syntax: DSS:LIMit:OFDM:POWer:LOW

Parameter/Response:

Example: DSS:LIMit:OFDM:POWer:LOW 30

Description: You can set low limit of OFDM power in DSS Signal Analyzer

### **DSS:LIMit:OFDM:POWer:MODE**

Syntax: DSS:LIMit:OFDM:POWer:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:OFDM:POWer:MODE Off

Description: You can set limit on or off for OFDM Power in DSS Signal Analyzer

### **DSS:LIMit:OFF:POWer:HIGH**

Syntax: DSS:LIMit:OFF:POWer:HIGH

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Parameter/Response:

Example: `DSS:LIMit:OFF:POWer:HIGH 32`

Description: You can set high limit of Off Power in DSS Signal Analyzer

#### **DSS:LIMit:OFF:POWer:MODE**

Syntax: `DSS:LIMit:OFF:POWer:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:OFF:POWer:MODE Off`

Description: You can set limit on or off for Off Power in DSS Signal Analyzer

#### **DSS:LIMit:PBCH:ABSolute:POWer:HIGH**

Syntax: `DSS:LIMit:PBCH:ABSolute:POWer:HIGH`

Parameter/Response:

Example: `DSS:LIMit:PBCH:ABSolute:POWer:HIGH -30`

Description: You can set high limit of PBCH absolute power in DSS Signal Analyzer

#### **DSS:LIMit:PBCH:ABSolute:POWer:LOW**

Syntax: `DSS:LIMit:PBCH:ABSolute:POWer:LOW`

Parameter/Response:

Example: `DSS:LIMit:PBCH:ABSolute:POWer:LOW 30`

Description: You can set low limit of PBCH absolute power in DSS Signal Analyzer

#### **DSS:LIMit:PBCH:POWer:MODE**

Syntax: `DSS:LIMit:PBCH:POWer:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:PBCH:POWer:MODE Off`

Description: You can set limit on or off for PBCH Power in DSS Signal Analyzer

#### **DSS:LIMit:PBCH:RELative:POWer:HIGH**

Syntax: `DSS:LIMit:PBCH:RELative:POWer:HIGH`

Parameter/Response:

Example: `DSS:LIMit:PBCH:RELative:POWer:HIGH -30`

Description: You can set high limit of PBCH relative power in DSS Signal Analyzer

#### **DSS:LIMit:PBCH:RELative:POWer:LOW**

Syntax: `DSS:LIMit:PBCH:RELative:POWer:LOW`

Parameter/Response:

Example: `DSS:LIMit:PBCH:RELative:POWer:LOW 30`

Description: You can set low limit of PBCH relative power in DSS Signal Analyzer

---

#### **DSS:LIMit:PMCH:EVM:MODE**

Syntax: DSS:LIMit:PMCH:EVM:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:PMCH:EVM:MODE Off

Description: You can set limit on or off for EVM PMCH in DSS Signal Analyzer

#### **DSS:LIMit:PSS:ABSolute:POWer:HIGH**

Syntax: DSS:LIMit:PSS:ABSolute:POWer:HIGH

Parameter/Response:

Example: DSS:LIMit:PSS:ABSolute:POWer:HIGH -30

Description: You can set high limit of PSS absolute power in DSS Signal Analyzer

#### **DSS:LIMit:PSS:ABSolute:POWer:LOW**

Syntax: DSS:LIMit:PSS:ABSolute:POWer:LOW

Parameter/Response:

Example: DSS:LIMit:PSS:ABSolute:POWer:LOW 30

Description: You can set low limit of PSS absolute power in DSS Signal Analyzer

#### **DSS:LIMit:PSS:EVM:MODE**

Syntax: DSS:LIMit:PSS:EVM:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:PSS:EVM:MODE Off

Description: You can set limit on or off for EVM PSS in DSS Signal Analyzer

#### **DSS:LIMit:PSS:POWer:MODE**

Syntax: DSS:LIMit:PSS:POWer:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:PSS:POWer:MODE Off

Description: You can set limit on or off for PSS Power in DSS Signal Analyzer

#### **DSS:LIMit:PSS:RELative:POWer:HIGH**

Syntax: DSS:LIMit:PSS:RELative:POWer:HIGH

Parameter/Response:

Example: DSS:LIMit:PSS:RELative:POWer:HIGH -30

Description: You can set high limit of PSS relative power in DSS Signal Analyzer

#### **DSS:LIMit:PSS:RELative:POWer:LOW**

Syntax: DSS:LIMit:PSS:RELative:POWer:LOW

Parameter/Response:

Example: DSS:LIMit:PSS:RELative:POWer:LOW 30

---

Description: You can set low limit of PSS Relative Power in DSS Signal Analyzer

#### **DSS:LIMit:RS0:EVM:HIGH**

Syntax: DSS:LIMit:RS0:EVM:HIGH

Parameter/Response:

Example: DSS:LIMit:RS0:EVM:HIGH 30

Description: You can set high limit of EVM RS0 in DSS Signal Analyzer

#### **DSS:LIMit:RS0:EVM:MODE**

Syntax: DSS:LIMit:RS0:EVM:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:RS0:EVM:MODE On

Description: You can set limit on or off for EVM RS0 in DSS Signal Analyzer

#### **DSS:LIMit:RS1:EVM:HIGH**

Syntax: DSS:LIMit:RS1:EVM:HIGH

Parameter/Response:

Example: DSS:LIMit:RS1:EVM:HIGH 30

Description: You can set high limit of EVM RS1 in DSS Signal Analyzer

#### **DSS:LIMit:RS1:EVM:MODE**

Syntax: DSS:LIMit:RS1:EVM:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:RS1:EVM:MODE On

Description: You can set limit on or off for EVM RS1 in DSS Signal Analyzer

#### **DSS:LIMit:RS2:EVM:HIGH**

Syntax: DSS:LIMit:RS2:EVM:HIGH

Parameter/Response:

Example: DSS:LIMit:RS2:EVM:HIGH 30

Description: You can set high limit for EVM RS2 in DSS Signal Analyzer

#### **DSS:LIMit:RS2:EVM:MODE**

Syntax: DSS:LIMit:RS2:EVM:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:RS2:EVM:MODE On

Description: You can set limit on or off for EVM RS2 in DSS Signal Analyzer

#### **DSS:LIMit:RS3:EVM:HIGH**

Syntax: DSS:LIMit:RS3:EVM:HIGH

Parameter/Response:

Example: DSS:LIMit:RS3:EVM:HIGH 30

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Description: You can set high limit of EVM RS3 in DSS Signal Analyzer

#### **DSS:LIMit:RS:EVM:MODE**

Syntax: DSS:LIMit:RS:EVM:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:RS:EVM:MODE Off

Description: You can set limit on or off for EVM RS in DSS Signal Analyzer

#### **DSS:LIMit:SEM:MODE**

Syntax: DSS:LIMit:SEM:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:SEM:MODE Off

Description: You can set limit on or off for Spectrum Emission Mask in DSS Signal Analyzer

#### **DSS:LIMit:SLOT:AVERage:POWer:HIGH**

Syntax: DSS:LIMit:SLOT:AVERage:POWer:HIGH

Parameter/Response:

Example: DSS:LIMit:SLOT:AVERage:POWer:HIGH 32

Description: You can set high limit of Slot average power in DSS Signal Analyzer

#### **DSS:LIMit:SLOT:AVERage:POWer:LOW**

Syntax: DSS:LIMit:SLOT:AVERage:POWer:LOW

Parameter/Response:

Example: DSS:LIMit:SLOT:AVERage:POWer:LOW 30

Description: You can set low limit of Slot average power in DSS Signal Analyzer

#### **DSS:LIMit:SLOT:AVERage:POWer:MODE**

Syntax: DSS:LIMit:SLOT:AVERage:POWer:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:SLOT:AVERage:POWer:MODE Off

Description: You can set limit on or off for Slot Average Power in DSS Signal Analyzer

#### **DSS:LIMit:SPURious:MODE**

Syntax: DSS:LIMit:SPURious:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:SPURious:MODE Off

Description: You can set limit on or off for Spurious Emissions in DSS Signal Analyzer

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### **DSS:LIMit:SSS:ABSolute:POWer:HIGH**

Syntax: DSS:LIMit:SSS:ABSolute:POWer:HIGH

Parameter/Response:

Example: DSS:LIMit:SSS:ABSolute:POWer:HIGH -30

Description: You can set high limit of SSS absolute power in DSS Signal Analyzer

### **DSS:LIMit:SSS:ABSolute:POWer:LOW**

Syntax: DSS:LIMit:SSS:ABSolute:POWer:LOW

Parameter/Response:

Example: DSS:LIMit:SSS:ABSolute:POWer:LOW 30

Description: You can set low limit of SSS absolute power in DSS Signal Analyzer

### **DSS:LIMit:SSS:EVM:MODE**

Syntax: DSS:LIMit:SSS:EVM:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:SSS:EVM:MODE Off

Description: You can set limit on or off for EVM SSS in DSS Signal Analyzer

### **DSS:LIMit:SSS:POWer:MODE**

Syntax: DSS:LIMit:SSS:POWer:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:SSS:POWer:MODE Off

Description: You can set limit on or off for SSS Power in DSS Signal Analyzer

### **DSS:LIMit:SSS:RELative:POWer:HIGH**

Syntax: DSS:LIMit:SSS:RELative:POWer:HIGH

Parameter/Response:

Example: DSS:LIMit:SSS:RELative:POWer:HIGH -30

Description: You can set high limit of SSS relative power in DSS Signal Analyzer

### **DSS:LIMit:SSS:RELative:POWer:LOW**

Syntax: DSS:LIMit:SSS:RELative:POWer:LOW

Parameter/Response:

Example: DSS:LIMit:SSS:RELative:POWer:LOW 30

Description: You can set low limit of SSS relative power in DSS Signal Analyzer

### **DSS:LIMit:SUBFrame:POWer:HIGH**

Syntax: DSS:LIMit:SUBFrame:POWer:HIGH

Parameter/Response:

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Example: `DSS:LIMit:SUBFrame:POWer:HIGH -30`

Description: You can set high limit of Subframe power in DSS Signal Analyzer

#### **DSS:LIMit:SUBFrame:POWer:LOW**

Syntax: `DSS:LIMit:SUBFrame:POWer:LOW`

Parameter/Response:

Example: `DSS:LIMit:SUBFrame:POWer:LOW 30`

Description: You can set low limit of Subframe power in DSS Signal Analyzer

#### **DSS:LIMit:SUBFrame:POWer:MODE**

Syntax: `DSS:LIMit:SUBFrame:POWer:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:SUBFrame:POWer:MODE Off`

Description: You can set limit on or off for Subframe Power in DSS Signal Analyzer

#### **DSS:LIMit:TAE:CA:MODE**

Syntax: `DSS:LIMit:TAE:CA:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:TAE:CA:MODE Off`

Description: You can set limit on or off for TAE of CA (Carrier Aggregation) in DSS Signal Analyzer

#### **DSS:LIMit:TAE:MIMO:MODE**

Syntax: `DSS:LIMit:TAE:MIMO:MODE`

Parameter/Response: [Off | On]

Example: `DSS:LIMit:TAE:MIMO:MODE Off`

Description: You can set limit on or off for TAE of MIMO in DSS Signal Analyzer

#### **DSS:LIMit:TIME:ERRor:HIGH**

Syntax: `DSS:LIMit:TIME:ERRor:HIGH`

Parameter/Response:

Example: `DSS:LIMit:TIME:ERRor:HIGH 30`

Description: You can set high limit of Time Error in DSS Signal Analyzer

#### **DSS:LIMit:TIME:ERRor:LOW**

Syntax: `DSS:LIMit:TIME:ERRor:LOW`

Parameter/Response:

Example: `DSS:LIMit:TIME:ERRor:LOW 30`

Description: You can set low limit of Time Error in DSS Signal Analyzer

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#### **DSS:LIMit:TIME:ERRor:MODE**

Syntax: DSS:LIMit:TIME:ERRor:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:TIME:ERRor:MODE Off

Description: You can set limit on or off for Time Error in DSS Signal Analyzer

#### **DSS:LIMit:TRANSition:PERiod:HIGh**

Syntax: DSS:LIMit:TRANSition:PERiod:HIGh

Parameter/Response:

Example: DSS:LIMit:TRANSition:PERiod:HIGh 16

Description: You can set high limit of Transition Period in DSS Signal Analyzer

#### **DSS:LIMit:TRANSition:PERiod:MODE**

Syntax: DSS:LIMit:TRANSition:PERiod:MODE

Parameter/Response: [Off | On]

Example: DSS:LIMit:TRANSition:PERiod:MODE Off

Description: You can set limit on or off for Transition Period in DSS Signal Analyzer

#### **DSS:LINK:CONFIguration**

Syntax: DSS:LINK:CONFIguration

Parameter/Response:

Example: DSS:LINK:CONFIguration 5

Description: You can set uplink-downlink configuration in DSS Signal Analyzer

#### **DSS:SSB:MODE**

Syntax: DSS:SSB:MODE

Parameter/Response: Start | Stop

Example: DSS:SSB:MODE Start

Description: You can set SSB (Carrier) Auto Search Mode to Start or Stop in DSS Signal Analyzer

#### **DSS:LTE:ACP:AVERage**

Syntax: DSS:LTE:ACP:AVERage

Parameter/Response:

Example: DSS:LTE:ACP:AVERage?

Description: You can query Average number in Adjacent Channel Power of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:INTegration:LOWer#:ABSolute:POWer**

Syntax: DSS:LTE:ACP:INTegration:LOWer#:ABSolute:POWer



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Parameter/Response:

Example: `DSS:LTE:ACP:INTEgration:LOWer5:ABSolute:POWer?`

Description: You can query Absolute Integration Power of lower channel in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:INTEgration:LOWer#:JUDGe**

Syntax: `DSS:LTE:ACP:INTEgration:LOWer#:JUDGe`

Parameter/Response:

Example: `DSS:LTE:ACP:INTEgration:LOWer5:JUDGe?`

Description: You can query pass or fail for Integration Power of Lower Channel in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:INTEgration:LOWer#:RELative:POWer**

Syntax: `DSS:LTE:ACP:INTEgration:LOWer#:RELative:POWer`

Parameter/Response:

Example: `DSS:LTE:ACP:INTEgration:LOWer5:RELative:POWer?`

Description: You can query Relative Integration Power of Lower Channel in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:INTEgration:UPPer#:ABSolute:POWer**

Syntax: `DSS:LTE:ACP:INTEgration:UPPer#:ABSolute:POWer`

Parameter/Response:

Example: `DSS:LTE:ACP:INTEgration:UPPer5:ABSolute:POWer?`

Description: You can query Absolute Integration Power of Lower Channel in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:INTEgration:UPPer#:JUDGe**

Syntax: `DSS:LTE:ACP:INTEgration:UPPer#:JUDGe`

Parameter/Response:

Example: `DSS:LTE:ACP:INTEgration:UPPer5:JUDGe?`

Description: You can query pass or fail for Integration Power of Upper Channel in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:INTEgration:UPPer#:RELative:POWer**

Syntax: `DSS:LTE:ACP:INTEgration:UPPer#:RELative:POWer`

Parameter/Response:

Example: `DSS:LTE:ACP:INTEgration:UPPer5:RELative:POWer?`

Description: You can query Relative Integration Power of Upper Channel in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:JUDGe**

Syntax: `DSS:LTE:ACP:JUDGe`

Parameter/Response:

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**Example:** `DSS:LTE:ACP:JUDGE?`

**Description:** You can query pass or fail for Adjacent Channel Power of LTE in DSS Signal Analyzer Analyzer

#### **DSS:LTE:ACP:MARKer#:DELTA:FREQUENCY**

**Syntax:** `DSS:LTE:ACP:MARKer#:DELTA:FREQUENCY`

**Parameter/Response:**

**Example:** `DSS:LTE:ACP:MARKer1:DELTA:FREQUENCY?`

**Description:** You can query Delta Marker Frequency for Adjacent Channel Power measurement of LTE TDD in DSS Signal Analyzer Analyzer

#### **DSS:LTE:ACP:MARKer#:DELTA:POWER**

**Syntax:** `DSS:LTE:ACP:MARKer#:DELTA:POWER`

**Parameter/Response:**

**Example:** `DSS:LTE:ACP:MARKer1:DELTA:POWER?`

**Description:** You can query Delta Marker Power for Adjacent Channel Power of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:MARKer#:DISPLAY:FREQUENCY**

**Syntax:** `DSS:LTE:ACP:MARKer#:DISPLAY:FREQUENCY`

**Parameter/Response:**

**Example:** `DSS:LTE:ACP:MARKer1:DISPLAY:FREQUENCY?`

**Description:** You can query Displayed Frequency of Marker# in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:MARKer#:FREQUENCY**

**Syntax:** `DSS:LTE:ACP:MARKer#:FREQUENCY`

**Parameter/Response:**

**Example:** `DSS:LTE:ACP:MARKer1:FREQUENCY?`

**Description:** You can query Marker Frequency in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:MARKer#:POWER**

**Syntax:** `DSS:LTE:ACP:MARKer#:POWER`

**Parameter/Response:**

**Example:** `DSS:LTE:ACP:MARKer1:POWER?`

**Description:** You can query Power of Marker# in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:REFERENCE:POWER**

**Syntax:** `DSS:LTE:ACP:REFERENCE:POWER`

**Parameter/Response:**

**Example:** `DSS:LTE:ACP:REFERENCE:POWER?`

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Description: You can query Reference Power in Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:ACP:TRACe:DATA**

Syntax: DSS:LTE:ACP:TRACe:DATA

Parameter/Response:

Example: DSS:LTE:ACP:TRACe:DATA?

Description: You can query Trace Data in Adjacent Channel Power Measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:BW**

Syntax: DSS:LTE:BW

Parameter/Response: [Bandwidth5 | Bandwidth10 | Bandwidth15 | Bandwidth20]

Example: DSS:LTE:BW Bandwidth3

Description: You can set LTE bandwidth in DSS Signal Analyzer

#### **DSS:LTE:CA:CURRent:MEASured:NUMBer**

Syntax: DSS:LTE:CA:CURRent:MEASured:NUMBer

Parameter/Response:

Example: DSS:LTE:CA:CURRent:MEASured:NUMBer?

Description: You can query current measured CC number in Carrier Aggregation measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CA:JUDGe**

Syntax: DSS:LTE:CA:JUDGe

Parameter/Response:

Example: DSS:LTE:CA:JUDGe?

Description: You can query pass or fail for Carrier Aggregation of LTE in DSS Signal Analyzer

#### **DSS:LTE:CA:MODulation:JUDGe**

Syntax: DSS:LTE:CA:MODulation:JUDGe

Parameter/Response:

Example: DSS:LTE:CA:MODulation:JUDGe?

Description: You can query pass or fail for the Modulation in Carrier Aggregation measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CA:SPECTrum:JUDGe**

Syntax: DSS:LTE:CA:SPECTrum:JUDGe

Parameter/Response:

Example: DSS:LTE:CA:SPECTrum:JUDGe?

Description: You can query pass or fail for the Spectrum in Carrier Aggregation measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CARRier:SCANner:CHANnel#:BAND**

Syntax: DSS:LTE:CARRier:SCANner:CHANnel#:BAND

Parameter/Response:

Example: DSS:LTE:CARRier:SCANner:CHANnel06:BAND?

Description: You can query bandwidth of LTE in Carrier Auto Search mode in DSS Signal Analyzer

### **DSS:LTE:CARRier:SCANner:CHANnel#:FREQuency**

Syntax: DSS:LTE:CARRier:SCANner:CHANnel#:FREQuency

Parameter/Response:

Example: DSS:LTE:CARRier:SCANner:CHANnel06:FREQuency?

Description: You can query frequency of LTE in Carrier Auto Search mode in DSS Signal Analyzer

### **DSS:LTE:CARRier:SCANner:CHANnel#:POWer**

Syntax: DSS:LTE:CARRier:SCANner:CHANnel#:POWer

Parameter/Response:

Example: DSS:LTE:CARRier:SCANner:CHANnel06:POWer?

Description: You can query power of LTE in Carrier Auto Search mode in DSS Signal Analyzer

### **DSS:LTE:CARRier:SCANner:CHANnel:DATA**

Syntax: DSS:LTE:CARRier:SCANner:CHANnel:DATA

Parameter/Response:

Example: DSS:LTE:CARRier:SCANner:CHANnel:DATA?

Description: N/A

### **DSS:LTE:CARRier:SCANner:CHANnel:NUMBer:CURRent**

Syntax: DSS:LTE:CARRier:SCANner:CHANnel:NUMBer:CURRent

Parameter/Response:

Example: DSS:LTE:CARRier:SCANner:CHANnel:NUMBer:CURRent?

Description: You can query current carrier of LTE in DSS Signal Analyzer

### **DSS:LTE:CARRier:SCANner:CHANnel:NUMBer:TOTal**

Syntax: DSS:LTE:CARRier:SCANner:CHANnel:NUMBer:TOTal

Parameter/Response:

Example: DSS:LTE:CARRier:SCANner:CHANnel:NUMBer:TOTal?

Description: You can query a total number of carrier of LTE in DSS Signal Analyzer

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#### **DSS:LTE:CHANnel:CONTRol:CELL:ID**

Syntax: DSS:LTE:CHANnel:CONTRol:CELL:ID

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CELL:ID?

Description: You can query Cell ID in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CHANnel:CONTRol:DETECT:ANTenna#**

Syntax: DSS:LTE:CHANnel:CONTRol:DETECT:ANTenna#

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:DETECT:ANTenna3?

Description: You can query Antenna number of LTE for Control Channel in DSS Signal Analyzer

#### **DSS:LTE:CHANnel:CONTRol:MEASured:CFI**

Syntax: DSS:LTE:CHANnel:CONTRol:MEASured:CFI

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:MEASured:CFI?

Description: You can query Measured CFI for Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CHANnel:CONTRol:OPERation:ANTenna#**

Syntax: DSS:LTE:CHANnel:CONTRol:OPERation:ANTenna#

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:OPERation:ANTenna3?

Description: You can query if Antenna# is being operated for Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWER:RELative:PSS**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWER:RELative:PSS

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWER:RELative:PSS?

Description: You can query Relative PSS Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWER:RELative:SSS**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWER:RELative:SSS

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWER:RELative:SSS?

Description: You can query Relative SSS Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PBCH**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PBCH

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PBCH?

Description: You can query Relative PBCH Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PCFI**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PCFI

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PCFI?

Description: You can query Relative PCFICH Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PDC**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PDC

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PDC?

Description: You can query Relative PDCCH Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PHI**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PHI

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PHI?

Description: You can query Relative PHICH Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PSS**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PSS

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:PSS?

Description: You can query Relative PSS Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:RS**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:RS

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWer:RELative:RS?

Description: You can query Relative RS Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS0**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS0

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS0?

Description: You can query Relative RS0 Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS1**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS1

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS1?

Description: You can query Relative RS1 Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS2**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS2

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS2?

Description: You can query Relative RS2 Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS3**

Syntax: DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS3

Parameter/Response:

Example: DSS:LTE:CHANnel:CONTRol:CHANnel:POWEr:RELative:RS3?

Description: You can query Relative RS3 Channel Power in Channel Control measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWEr:AVERage**

Syntax: DSS:LTE:CHANnel:POWEr:AVERage

Parameter/Response:

Example: DSS:LTE:CHANnel:POWEr:AVERage?

Description: You can query Average number for Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWEr:MARKer#:DELTA:FREQuency**

Syntax: DSS:LTE:CHANnel:POWEr:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: DSS:LTE:CHANnel:POWEr:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Channel Power measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CHANnel:POWEr:MARKer#:DELTA:POWEr**

Syntax: DSS:LTE:CHANnel:POWEr:MARKer#:DELTA:POWEr

Parameter/Response:

Example: DSS:LTE:CHANnel:POWEr:MARKer1:DELTA:POWEr?

Description: You can query Delta Marker Power for Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWEr:MARKer#:DISPlay:FREQuency**

Syntax: DSS:LTE:CHANnel:POWEr:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: DSS:LTE:CHANnel:POWEr:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in LTE Channel Power measurement in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWEr:MARKer#:FREQuency**

Syntax: DSS:LTE:CHANnel:POWEr:MARKer#:FREQuency

Parameter/Response:

Example: DSS:LTE:CHANnel:POWEr:MARKer1:FREQuency?

Description: You can query Marker Frequency in LTE Channel Power measurement in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWEr:MARKer#:POWEr**

Syntax: DSS:LTE:CHANnel:POWEr:MARKer#:POWEr

Parameter/Response:

Example: DSS:LTE:CHANnel:POWEr:MARKer1:POWEr?

Description: You can query LTE Power of Marker# in Channel Power measurement of DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWEr:TRACe:DATA**

Syntax: DSS:LTE:CHANnel:POWEr:TRACe:DATA

Parameter/Response:

Example: DSS:LTE:CHANnel:POWEr:TRACe:DATA?

Description: You can query Trace Data of LTE Channel Power Measurement in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWEr**

Syntax: DSS:LTE:CHANnel:POWEr

Parameter/Response:

Example: DSS:LTE:CHANnel:POWEr?

Description: You can query LTE Channel Power in DSS Signal Analyzer



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### **DSS:LTE:CHANnel:POWer:INTegration:BW**

Syntax: DSS:LTE:CHANnel:POWer:INTegration:BW

Parameter/Response:

Example: DSS:LTE:CHANnel:POWer:INTegration:BW?

Description: You can query Integration Bandwidth in Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWer:JUDGE**

Syntax: DSS:LTE:CHANnel:POWer:JUDGE

Parameter/Response:

Example: DSS:LTE:CHANnel:POWer:JUDGE?

Description: You can query pass or fail for Channel Power of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWer:POWer:PEAK**

Syntax: DSS:LTE:CHANnel:POWer:POWer:PEAK

Parameter/Response:

Example: DSS:LTE:CHANnel:POWer:POWer:PEAK?

Description: You can query Peak Power in Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWer:PTA:RATIo**

Syntax: DSS:LTE:CHANnel:POWer:PTA:RATIo

Parameter/Response:

Example: DSS:LTE:CHANnel:POWer:PTA:RATIo?

Description: You can query Peak to Average Ratio in Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:POWer:SPECTral:DENSity**

Syntax: DSS:LTE:CHANnel:POWer:SPECTral:DENSity

Parameter/Response:

Example: DSS:LTE:CHANnel:POWer:SPECTral:DENSity?

Description: You can query Spectral Density in Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CHANnel:STANDard**

Syntax: DSS:LTE:CHANnel:STANDard

Parameter/Response:

Example: DSS:LTE:CHANnel:STANDard 201

Description: You can set channel standard for LTE in DSS Signal Analyzer

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### **DSS:LTE:CONStellation:CELL:ID**

Syntax: DSS:LTE:CONStellation:CELL:ID

Parameter/Response:

Example: DSS:LTE:CONStellation:CELL:ID?

Description: You can query Cell ID in constellation measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:DATA:EVM:PEAK:ACCumulate**

Syntax: DSS:LTE:CONStellation:DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:LTE:CONStellation:DATA:EVM:PEAK:ACCumulate?

Description: You can query Accumulated Data EVM Peak for LTE in Constellation measurement of DSS Signal Analyzer

### **DSS:LTE:CONStellation:DATA:EVM:PEAK:JUDGE**

Syntax: DSS:LTE:CONStellation:DATA:EVM:PEAK:JUDGE

Parameter/Response:

Example: DSS:LTE:CONStellation:DATA:EVM:PEAK:JUDGE?

Description: You can query pass or fail for the Data EVM Peak in Constellation measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:DATA:EVM:PEAK:NORMAl**

Syntax: DSS:LTE:CONStellation:DATA:EVM:PEAK:NORMAl

Parameter/Response:

Example: DSS:LTE:CONStellation:DATA:EVM:PEAK:NORMAl?

Description: You can query Data EVM Peak in Constellation measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:DATA:EVM:PEAK:SYMBol**

Syntax: DSS:LTE:CONStellation:DATA:EVM:PEAK:SYMBol

Parameter/Response:

Example: DSS:LTE:CONStellation:DATA:EVM:PEAK:SYMBol?

Description: You can query Symbol of Data EVM Peak in Constellation measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:DATA:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:CONStellation:DATA:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:CONStellation:DATA:EVM:RMS:ACCumulate?

Description: You can query Accumulated Data EVM RMS in Constellation measurement for LTE in DSS Signal Analyzer

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### **DSS:LTE:CONStellation:DATA:EVM:RMS:JUDGe**

Syntax: DSS:LTE:CONStellation:DATA:EVM:RMS:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:DATA:EVM:RMS:JUDGe?

Description: You can query pass or fail for the Data EVM RMS in Constellation measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:DATA:EVM:RMS:NORMal**

Syntax: DSS:LTE:CONStellation:DATA:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:CONStellation:DATA:EVM:RMS:NORMal?

Description: You can query Data EVM RMS in Constellation measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:DATA:SIZE**

Syntax: DSS:LTE:CONStellation:DATA:SIZE

Parameter/Response:

Example: DSS:LTE:CONStellation:DATA:SIZE?

Description: You can query Constellation Data Size for LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:DETECT:ANTenna#**

Syntax: DSS:LTE:CONStellation:DETECT:ANTenna#

Parameter/Response:

Example: DSS:LTE:CONStellation:DETECT:ANTenna3?

Description: You can query antennal number in Constellation measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:DOWN:LINK:POWER:JUDGe**

Syntax: DSS:LTE:CONStellation:DOWN:LINK:POWER:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:DOWN:LINK:POWER:JUDGe?

Description: You can query pass or fail for the DL Power in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:FREQUENCY:ERROR:HZ**

Syntax: DSS:LTE:CONStellation:FREQUENCY:ERROR:HZ

Parameter/Response:

Example: DSS:LTE:CONStellation:FREQUENCY:ERROR:HZ?

Description: You can query Frequency Error (Hz) in Constellation measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONStellation:FREQuency:ERRor:JUDGe**

Syntax: DSS:LTE:CONStellation:FREQuency:ERRor:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:FREQuency:ERRor:JUDGe?

Description: You can query pass or fail for Frequency Error in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:FREQuency:ERRor:PPM**

Syntax: DSS:LTE:CONStellation:FREQuency:ERRor:PPM

Parameter/Response:

Example: DSS:LTE:CONStellation:FREQuency:ERRor:PPM?

Description: You can query Frequency Error (ppm) of LTE in Constellation measurement for DSS Signal Analyzer

### **DSS:LTE:CONStellation:I:DATA**

Syntax: DSS:LTE:CONStellation:I:DATA

Parameter/Response:

Example: DSS:LTE:CONStellation:I:DATA?

Description: You can query Constellation I Data of LTE in Constellation measurement of DSS Signal Analyzer

### **DSS:LTE:CONStellation:JUDGe**

Syntax: DSS:LTE:CONStellation:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:JUDGe?

Description: You can query pass or fail for Constellation in DSS Signal Analyzer

### **DSS:LTE:CONStellation:MEASured:CFI**

Syntax: DSS:LTE:CONStellation:MEASured:CFI

Parameter/Response:

Example: DSS:LTE:CONStellation:MEASured:CFI?

Description: You can query Measured CFI in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:OPERation:ANTenna#**

Syntax: DSS:LTE:CONStellation:OPERation:ANTenna#

Parameter/Response:

Example: DSS:LTE:CONStellation:OPERation:ANTenna3?

Description: You can query if Antenna# is being operated in Constellation measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONStellation:PDS:EVM:QAM16**

Syntax: DSS:LTE:CONStellation:PDS:EVM:QAM16

Parameter/Response:

Example: DSS:LTE:CONStellation:PDS:EVM:QAM16?

Description: You can query PDSCH EVM QAM16 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PDS:EVM:QAM16:JUDGe**

Syntax: DSS:LTE:CONStellation:PDS:EVM:QAM16:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:PDS:EVM:QAM16:JUDGe?

Description: You can query pass or fail for the PDSCH EVM QAM16 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PDS:EVM:QAM256**

Syntax: DSS:LTE:CONStellation:PDS:EVM:QAM256

Parameter/Response:

Example: DSS:LTE:CONStellation:PDS:EVM:QAM256?

Description: You can query PDSCH EVM QAM256 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PDS:EVM:QAM256:JUDGe**

Syntax: DSS:LTE:CONStellation:PDS:EVM:QAM256:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:PDS:EVM:QAM256:JUDGe?

Description: You can query pass or fail for the PDSCH EVM QAM256 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PDS:EVM:QAM64**

Syntax: DSS:LTE:CONStellation:PDS:EVM:QAM64

Parameter/Response:

Example: DSS:LTE:CONStellation:PDS:EVM:QAM64?

Description: You can query PDSCH EVM QAM64 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PDS:EVM:QAM64:JUDGe**

Syntax: DSS:LTE:CONStellation:PDS:EVM:QAM64:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:PDS:EVM:QAM64:JUDGe?

Description: You can query pass or fail for the PDSCH EVM QAM64 in Constellation measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONStellation:PDS:EVM:QPSK**

Syntax: DSS:LTE:CONStellation:PDS:EVM:QPSK

Parameter/Response:

Example: DSS:LTE:CONStellation:PDS:EVM:QPSK?

Description: You can query PDSCH EVM QPSK in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PDS:EVM:QPSK:JUDGe**

Syntax: DSS:LTE:CONStellation:PDS:EVM:QPSK:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:PDS:EVM:QPSK:JUDGe?

Description: You can query pass or fail for the PDSCH EVM QPSK in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PM:EVM:QAM16**

Syntax: DSS:LTE:CONStellation:PM:EVM:QAM16

Parameter/Response:

Example: DSS:LTE:CONStellation:PM:EVM:QAM16?

Description: You can query PMCH EVM QAM16 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PM:EVM:QAM16:JUDGe**

Syntax: DSS:LTE:CONStellation:PM:EVM:QAM16:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:PM:EVM:QAM16:JUDGe?

Description: You can query pass or fail for the PMCH EVM QAM16 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PM:EVM:QAM256**

Syntax: DSS:LTE:CONStellation:PM:EVM:QAM256

Parameter/Response:

Example: DSS:LTE:CONStellation:PM:EVM:QAM256?

Description: You can query PMCH EVM QAM256 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PM:EVM:QAM256:JUDGe**

Syntax: DSS:LTE:CONStellation:PM:EVM:QAM256:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:PM:EVM:QAM256:JUDGe?

Description: You can query pass or fail for the PMCH EVM QAM256 in Constellation measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONStellation:PM:EVM:QAM64**

Syntax: DSS:LTE:CONStellation:PM:EVM:QAM64

Parameter/Response:

Example: DSS:LTE:CONStellation:PM:EVM:QAM64?

Description: You can query PMCH EVM QAM64 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PM:EVM:QAM64:JUDGe**

Syntax: DSS:LTE:CONStellation:PM:EVM:QAM64:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:PM:EVM:QAM64:JUDGe?

Description: You can query pass or fail for the PMCH EVM QAM64 in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:PM:EVM:QPSK**

Syntax: DSS:LTE:CONStellation:PM:EVM:QPSK

Parameter/Response:

Example: DSS:LTE:CONStellation:PM:EVM:QPSK?

Description:

### **DSS:LTE:CONStellation:PM:EVM:QPSK:JUDGe**

Syntax: DSS:LTE:CONStellation:PM:EVM:QPSK:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:PM:EVM:QPSK:JUDGe?

Description: You can query pass or fail for the PMCH EVM QPSK in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:Q:DATA**

Syntax: DSS:LTE:CONStellation:Q:DATA

Parameter/Response:

Example: DSS:LTE:CONStellation:Q:DATA?

Description: You can query Constellation Q Data of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:REFeRence:SIGNaL:POWeR**

Syntax: DSS:LTE:CONStellation:REFeRence:SIGNaL:POWeR

Parameter/Response:

Example: DSS:LTE:CONStellation:REFeRence:SIGNaL:POWeR?

Description: You can query Reference Signal Power in Constellation measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONStellation:TIME:ERRor**

Syntax: DSS:LTE:CONStellation:TIME:ERRor

Parameter/Response:

Example: DSS:LTE:CONStellation:TIME:ERRor?

Description: You can query Time Error in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONStellation:TIME:ERRor:JUDGe**

Syntax: DSS:LTE:CONStellation:TIME:ERRor:JUDGe

Parameter/Response:

Example: DSS:LTE:CONStellation:TIME:ERRor:JUDGe?

Description: You can query pass or fail for the Time Error in Constellation measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTrOl:CHANnel:CONStellation:DATA:SIZE**

Syntax: DSS:LTE:CONTrOl:CHANnel:CONStellation:DATA:SIZE

Parameter/Response:

Example: DSS:LTE:CONTrOl:CHANnel:CONStellation:DATA:SIZE?

Description: You can query Constellation Data Size in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTrOl:CHANnel:EVM:PEAK:ACCumulate:PB**

Syntax: DSS:LTE:CONTrOl:CHANnel:EVM:PEAK:ACCumulate:PB

Parameter/Response:

Example: DSS:LTE:CONTrOl:CHANnel:EVM:PEAK:ACCumulate:PB?

Description: You can query Accumulated EVM Peak of PBCH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTrOl:CHANnel:EVM:PEAK:ACCumulate:PCFI**

Syntax: DSS:LTE:CONTrOl:CHANnel:EVM:PEAK:ACCumulate:PCFI

Parameter/Response:

Example: DSS:LTE:CONTrOl:CHANnel:EVM:PEAK:ACCumulate:PCFI?

Description: You can query Accumulated EVM Peak of PCFICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTrOl:CHANnel:EVM:PEAK:ACCumulate:PDC**

Syntax: DSS:LTE:CONTrOl:CHANnel:EVM:PEAK:ACCumulate:PDC

Parameter/Response:

Example: DSS:LTE:CONTrOl:CHANnel:EVM:PEAK:ACCumulate:PDC?

Description: You can query Accumulated EVM Peak of PDCCH in Control Channel measurement of LTE in DSS Signal Analyzer



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#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PHI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PHI?

Description: You can query Accumulated EVM Peak of PHICH in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS?

Description: You can query Accumulated EVM Peak of PSS in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS?

Description: You can query Accumulated EVM Peak of RS in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS#**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS#

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:RS#?

Description: You can query Accumulated EVM Peak of RS# in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS?

Description: You can query Accumulated EVM Peak of SSS in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PB**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PB

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PB?

Description: You can query EVM Peak of PBCH in Control Channel measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PCFI**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PCFI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PCFI?

Description: You can query EVM Peak of PCFICH in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC?

Description: You can query EVM Peak of PDCCH in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PHI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PHI?

Description: You can query EVM Peak of PHICH in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS?

Description: You can query EVM Peak of PSS in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:RS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:RS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:RS?

Description: You can query EVM Peak of RS in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:RS#**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:RS#

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:RS#?

Description: You can query EVM Peak of RS# in Control Channel measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS?

Description: You can query EVM Peak of SSS in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PB**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PB

Parameter/Response:

Example:

DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PB?

Description: You can query Symbol of Accumulated PBCH EVM Peak in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PCFI**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PCFI

Parameter/Response:

Example:

DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PCFI?

Description: You can query Symbol of Accumulated PCFICH EVM Peak in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PDC**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PDC

Parameter/Response:

Example:

DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PDC?

Description: You can query Symbol of Accumulated PDCCH EVM Peak in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PHI

Parameter/Response:

Example:

DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PHI?

Description: You can query Symbol of Accumulated PHICH EVM Peak in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBol:ACCumulate:PSS

Parameter/Response:

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Example:

`DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:PSS?`

Description: You can query Symbol of Accumulated PSS EVM Peak in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:RS**

Syntax: `DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:RS`

Parameter/Response:

Example:

`DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:RS?`

Description: You can query Symbol of Accumulated RS EVM Peak in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:RS#**

Syntax: `DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:RS#`

Parameter/Response:

Example:

`DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:RS#?`

Description: You can query Symbol of Accumulated RS# EVM Peak in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:SSS**

Syntax: `DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:SSS`

Parameter/Response:

Example:

`DSS:LTE:CONTRol:CHANnel:EVM:PEAK:SYMBOL:ACCumulate:SSS?`

Description: You can query Symbol of Accumulated SSS EVM Peak in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB**

Syntax: `DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB`

Parameter/Response:

Example: `DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB?`

Description: You can query Accumulated EVM RMS of PBCH in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PCFI**

Syntax: `DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PCFI`

Parameter/Response:

Example: `DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PCFI?`

Description: You can query Accumulated EVM RMS of PCFICH in Control Channel measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC?

Description: You can query Accumulated EVM RMS of PDCCH in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PHI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PHI?

Description: You can query Accumulated EVM RMS of PHICH in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS?

Description: You can query Accumulated EVM RMS of PSS in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS?

Description: You can query Accumulated EVM RMS of RS in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS#**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS#

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:RS#?

Description: You can query Accumulated EVM RMS of RS# in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS?

Description: You can query Accumulated EVM RMS of SSS in Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:MBMS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:MBMS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:MBMS?

Description: You can query EVM RMS of MBMS RS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PB**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PB

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PB?

Description: You can query EVM RMS of PBCH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PCFI**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PCFI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PCFI?

Description: You can query EVM RMS of PCFICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PDC**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PDC

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PDC?

Description: You can query EVM RMS of PDCCH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PHI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PHI?

Description: You can query EVM RMS of PHICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:PSS?

Description: You can query EVM RMS of PSS in Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:RS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:RS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:RS?

Description: You can query EVM RMS of RS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:RS#**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:RS#

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:RS#?

Description: You can query EVM RMS of RS# in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:SSS**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:SSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:NORMal:SSS?

Description: You can query EVM RMS of SSS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:PSS:JUDGE**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:PSS:JUDGE

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:PSS:JUDGE?

Description: You can query pass or fail for the PSS EVM RMS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:RS:JUDGE**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:RS:JUDGE

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:RS:JUDGE?

Description: You can query pass or fail for the RS EVM RMS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:EVM:RMS:SSS:JUDGE**

Syntax: DSS:LTE:CONTRol:CHANnel:EVM:RMS:SSS:JUDGE

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:EVM:RMS:SSS:JUDGE?

Description: You can query pass or fail for the SSS EVM RMS in Control Channel measurement of LTE in DSS Signal Analyzer



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### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PB**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PB

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PB?

Description: You can query Frequency Error (Hz) of PBCH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PCFI**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PCFI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PCFI?

Description: You can query Frequency Error (Hz) of PCFICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC?

Description: You can query Frequency Error (Hz) of PDCCH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PHI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PHI?

Description: You can query Frequency Error (Hz) of PHICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS?

Description: You can query Frequency Error (Hz) of PSS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS?

Description: You can query Frequency Error (Hz) of RS in Control Channel measurement of LTE in DSS Signal Analyzer



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### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS#**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS#

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:RS#?

Description: You can query Frequency Error (Hz) of RS# in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS?

Description: You can query Frequency Error (Hz) of SSS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:JUDGE**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:JUDGE

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:JUDGE?

Description: You can query pass or fail for Frequency Error in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB?

Description: You can query Frequency Error (ppm) of PBCH in Control Channel measurement of LTE TDD Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PCFI**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PCFI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PCFI?

Description: You can query Frequency Error (ppm) of PCFICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC?

Description: You can query Frequency Error (ppm) of PDCCH in Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PHI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PHI?

Description: You can query Frequency Error (ppm) of PHICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS?

Description: You can query Frequency Error (ppm) of PSS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS?

Description: You can query Frequency Error (ppm) of RS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS#**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS#

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:RS#?

Description: You can query Frequency Error (ppm) of RS# in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS**

Syntax: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS?

Description: You can query Frequency Error (ppm) of SSS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:JUDGe**

Syntax: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:JUDGe

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:JUDGe?

Description: You can query IQ Origin Offset in Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB**

Syntax: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB?

Description: You can query IQ Origin Offset for PBCH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PCFI**

Syntax: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PCFI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PCFI?

Description: You can query IQ Origin Offset for PCFICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC**

Syntax: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC?

Description: You can query IQ Origin Offset for PDCCH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PHI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PHI?

Description: You can query IQ Origin Offset for PHICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS?

Description: You can query IQ Origin Offset for PSS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS**

Syntax: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS?

Description: You can query IQ Origin Offset for RS in Control Channel measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS#**

Syntax: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS#

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:RS#?

Description: You can query IQ Origin Offset for RS# in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS**

Syntax: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS?

Description: You can query IQ Origin Offset for SSS in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:JUDGE**

Syntax: DSS:LTE:CONTRol:CHANnel:JUDGE

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:JUDGE?

Description: You can query pass or fail for Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PB**

Syntax: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PB

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PB?

Description: You can query PBCH Modulation Format in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PCFI**

Syntax: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PCFI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PCFI?

Description: You can query PCFICH Modulation Format in Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PDC**

Syntax: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PDC

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PDC?

Description: You can query PDCCH Modulation Format in Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PHI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PHI?

Description: You can query PHICH Modulation Format in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:PSS?

Description: You can query PSS Modulation Format in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:RS**

Syntax: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:RS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:RS?

Description: You can query RS Modulation Format in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:RS#**

Syntax: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:RS#

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:RS#?

Description: You can query RS# Modulation Format in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:SSS**

Syntax: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:SSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:MODulation:FORMat:SSS?

Description: You can query SSS Modulation Format in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWER:PB**

Syntax: DSS:LTE:CONTRol:CHANnel:POWER:PB

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWER:PB?

Description: You can query Power of PBCH in Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONTRol:CHANnel:POWer:PB:JUDGe**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:PB:JUDGe

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:PB:JUDGe?

Description: You can query pass or fail for Power of PBCH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWer:PCFI**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:PCFI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:PCFI?

Description: You can query Power of PCFICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWer:PDC**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:PDC

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:PDC?

Description: You can query Power of PDCCH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWer:PHI**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:PHI

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:PHI?

Description: You can query Power of PHICH in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWer:PSS**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:PSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:PSS?

Description: You can query Power of PSS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWer:PSS:JUDGe**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:PSS:JUDGe

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:PSS:JUDGe?

Description: You can query pass or fail for Power of PSS in Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:CONTRol:CHANnel:POWer:RS**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:RS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:RS?

Description: You can query Power of RS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWer:RS#**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:RS#

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:RS#?

Description: You can query Power of RS# in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWer:RS:JUDGE**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:RS:JUDGE

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:RS:JUDGE?

Description: You can query pass or fail for Power of RS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWer:SSS**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:SSS

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:SSS?

Description: You can query Power of SSS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:CHANnel:POWer:SSS:JUDGE**

Syntax: DSS:LTE:CONTRol:CHANnel:POWer:SSS:JUDGE

Parameter/Response:

Example: DSS:LTE:CONTRol:CHANnel:POWer:SSS:JUDGE?

Description: You can query pass or fail for Power of SSS in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:CONTRol:SUBFrame:POWer**

Syntax: DSS:LTE:CONTRol:SUBFrame:POWer

Parameter/Response:

Example: DSS:LTE:CONTRol:SUBFrame:POWer?

Description: You can query subframe power in Control Channel measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:DATA:MAPPer:DATA**

Syntax: DSS:LTE:DATA:MAPPer:DATA

Parameter/Response:

Example: DSS:LTE:DATA:MAPPer:DATA?

Description: You can query LTE data map in DSS Signal Analyzer

#### **DSS:LTE:DATA:MAPPer:SIZE:X**

Syntax: DSS:LTE:DATA:MAPPer:SIZE:X

Parameter/Response:

Example: DSS:LTE:DATA:MAPPer:SIZE:X?

Description: You can query x size of LTE data map in DSS Signal Analyzer

#### **DSS:LTE:DATA:MAPPer:SIZE:Y**

Syntax: DSS:LTE:DATA:MAPPer:SIZE:Y

Parameter/Response:

Example: DSS:LTE:DATA:MAPPer:SIZE:Y?

Description: You can query y size of LTE data map in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:AVERage:POWer:JUDGE**

Syntax: DSS:LTE:FRAMe:AVERage:POWer:JUDGE

Parameter/Response:

Example: DSS:LTE:FRAMe:AVERage:POWer:JUDGE?

Description: You can query pass or fail for the Frame Average Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:CELL:ID**

Syntax: DSS:LTE:FRAMe:CELL:ID

Parameter/Response:

Example: DSS:LTE:FRAMe:CELL:ID?

Description: You can query Cell ID in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:CHANnel:POWer:PB**

Syntax: DSS:LTE:FRAMe:CHANnel:POWer:PB

Parameter/Response:

Example: DSS:LTE:FRAMe:CHANnel:POWer:PB?

Description: You can query Channel Power of PBCH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:CHANnel:POWer:PB:JUDGE**

Syntax: DSS:LTE:FRAMe:CHANnel:POWer:PB:JUDGE



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Parameter/Response:

Example: `DSS:LTE:FRAME:CHANnel:POWer:PB:JUDGe?`

Description: You can query pass or fail for Channel Power of PBCH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PCFI**

Syntax: `DSS:LTE:FRAME:CHANnel:POWer:PCFI`

Parameter/Response:

Example: `DSS:LTE:FRAME:CHANnel:POWer:PCFI?`

Description: You can query PCFICH Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PDC**

Syntax: `DSS:LTE:FRAME:CHANnel:POWer:PDC`

Parameter/Response:

Example: `DSS:LTE:FRAME:CHANnel:POWer:PDC?`

Description: You can query Channel Power of PDCCH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PDS:QAM16**

Syntax: `DSS:LTE:FRAME:CHANnel:POWer:PDS:QAM16`

Parameter/Response:

Example: `DSS:LTE:FRAME:CHANnel:POWer:PDS:QAM16?`

Description: You can query Channel Power of PDSCH QAM16 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PDS:QAM256**

Syntax: `DSS:LTE:FRAME:CHANnel:POWer:PDS:QAM256`

Parameter/Response:

Example: `DSS:LTE:FRAME:CHANnel:POWer:PDS:QAM256?`

Description: You can query Channel Power of PDSCH QAM256 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PDS:QAM64**

Syntax: `DSS:LTE:FRAME:CHANnel:POWer:PDS:QAM64`

Parameter/Response:

Example: `DSS:LTE:FRAME:CHANnel:POWer:PDS:QAM64?`

Description: You can query Channel Power of PDSCH QAM64 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PDS:QPSK**

Syntax: `DSS:LTE:FRAME:CHANnel:POWer:PDS:QPSK`

Parameter/Response:

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**Example:** `DSS:LTE:FRAME:CHANnel:POWer:PDS:QPSK?`

**Description:** You can query Channel Power of PDSCH QPSK in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PHI**

**Syntax:** `DSS:LTE:FRAME:CHANnel:POWer:PHI`

**Parameter/Response:**

**Example:** `DSS:LTE:FRAME:CHANnel:POWer:PHI?`

**Description:** You can query Channel Power of PHICH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PMCH: QAM16**

**Syntax:** `DSS:LTE:FRAME:CHANnel:POWer:PMCH: QAM16`

**Parameter/Response:**

**Example:** `DSS:LTE:FRAME:CHANnel:POWer:PMCH: QAM16?`

**Description:** You can query Channel Power of PMCH QAM16 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PMCH: QAM256**

**Syntax:** `DSS:LTE:FRAME:CHANnel:POWer:PMCH:QAM256`

**Parameter/Response:**

**Example:** `DSS:LTE:FRAME:CHANnel:POWer:PMCH:QAM256Q?`

**Description:** You can query Channel Power of PMCH QAM256 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PMCH:QAM64**

**Syntax:** `DSS:LTE:FRAME:CHANnel:POWer:PMCH:QAM64`

**Parameter/Response:**

**Example:** `DSS:LTE:FRAME:CHANnel:POWer:PMCH:QAM64?`

**Description:** You can query Channel Power of PMCH QAM64 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PMCH:QPSK**

**Syntax:** `DSS:LTE:FRAME:CHANnel:POWer:PMCH:QPSK`

**Parameter/Response:**

**Example:** `DSS:LTE:FRAME:CHANnel:POWer:PMCH:QPSK?`

**Description:** You can query Channel Power of PMCH QPSK in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PSS**

**Syntax:** `DSS:LTE:FRAME:CHANnel:POWer:PSS`

**Parameter/Response:**

**Example:** `DSS:LTE:FRAME:CHANnel:POWer:PSS?`

---

Description: You can query Channel Power of PSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:PBCH**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:PBCH

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:PBCH?

Description: You can query Relative PBCH Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:PCFI**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:PCFI

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:PCFI?

Description: You can query Relative PCFICH Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:PDC**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:PDC

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:PDC?

Description: You can query Relative PDCCH Channel Power in Frame measurement of LTE TDD Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:PHI**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:PHI

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:PHI?

Description: You can query Relative PHICH Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:PSS**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:PSS

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:PSS?

Description: You can query Relative PSS Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:QAM16**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:QAM16

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:QAM16?

---

Description: You can query Relative QAM16 Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:QAM256**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:QAM256

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:QAM256?

Description: You can query Relative QAM256 Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:QAM64**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:QAM64

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:QAM64?

Description: You can query Relative QAM64 Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:QPSK**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:QPSK

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:QPSK?

Description: You can query Relative QPSK Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:RS**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS?

Description: You can query Relative RS Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:RS0**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS0

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS0?

Description: You can query Relative RS0 Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:RS1**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS1

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS1?

---

Description: You can query Relative RS1 Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:RS2**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS2

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS2?

Description: You can query Relative RS2 Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:RS3**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS3

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:RS3?

Description: You can query Relative RS3 Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:SSS**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:SSS

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:SSS?

Description: You can query Relative SSS Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RELative:UNALlocated**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RELative:UNALlocated

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RELative:UNALlocated?

Description: You can query Relative Unallocated Channel Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:PSS:JUDGE**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:PSS:JUDGE

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:PSS:JUDGE?

Description: You can query pass or fail for Channel Power of PSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RS**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RS

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RS?

---

Description: You can query Channel Power of RS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RS0**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RS0

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RS0?

Description: You can query Channel Power of RS0 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RS1**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RS1

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RS1?

Description: You can query Channel Power of RS1 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RS2**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RS2

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RS2?

Description: You can query Channel Power of RS2 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RS3**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RS3

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RS3?

Description: You can query Channel Power of RS3 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:RS:JUDGe**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:RS:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:RS:JUDGe?

Description: You can query pass or fail for Channel Power of RS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:SSS**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:SSS

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:SSS?

---

Description: You can query Channel Power of SSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:SSS:JUDGe**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:SSS:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:SSS:JUDGe?

Description: You can query pass or fail for Channel Power of SSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:CHANnel:POWer:UNALlocated**

Syntax: DSS:LTE:FRAME:CHANnel:POWer:UNALlocated

Parameter/Response:

Example: DSS:LTE:FRAME:CHANnel:POWer:UNALlocated?

Description: You can query Channel Power of Unallocated in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:DATA:EVM:PEAK:ACCumulate**

Syntax: DSS:LTE:FRAME:DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:LTE:FRAME:DATA:EVM:PEAK:ACCumulate?

Description: You can query Accumulated Data EVM Peak in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:DATA:EVM:PEAK:JUDGe**

Syntax: DSS:LTE:FRAME:DATA:EVM:PEAK:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAME:DATA:EVM:PEAK:JUDGe?

Description: You can query pass or fail for the Data EVM Peak in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:DATA:EVM:PEAK:NORMal**

Syntax: DSS:LTE:FRAME:DATA:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:LTE:FRAME:DATA:EVM:PEAK:NORMal?

Description: You can query Data EVM Peak in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:DATA:EVM:PEAK:SYMBol**

Syntax: DSS:LTE:FRAME:DATA:EVM:PEAK:SYMBol

Parameter/Response:

Example: DSS:LTE:FRAME:DATA:EVM:PEAK:SYMBol?



---

Description: You can query Symbol of Data EVM Peak in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:DATA:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:FRAME:DATA:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:FRAME:DATA:EVM:RMS:ACCumulate?

Description: You can query Accumulated Data EVM RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:DATA:EVM:RMS:JUDGe**

Syntax: DSS:LTE:FRAME:DATA:EVM:RMS:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAME:DATA:EVM:RMS:JUDGe?

Description: You can query pass or fail for the Data EVM RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:DATA:EVM:RMS:NORMal**

Syntax: DSS:LTE:FRAME:DATA:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:FRAME:DATA:EVM:RMS:NORMal?

Description: You can query LTE Data EVM RMS in Frame measurement of DSS Signal Analyzer

#### **DSS:LTE:FRAME:DETECT:ANTenna#**

Syntax: DSS:LTE:FRAME:DETECT:ANTenna#

Parameter/Response:

Example: DSS:LTE:FRAME:DETECT:ANTenna3?

Description: You can query antennal number in Frame measurement for LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:QAM16**

Syntax: DSS:LTE:FRAME:EVM:QAM16

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:QAM16?

Description: You can query QAM16 EVM in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:QAM256**

Syntax: DSS:LTE:FRAME:EVM:QAM256

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:QAM256?



---

Description: You can query QAM256 EVM in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:QAM64**

Syntax: DSS:LTE:FRAME:EVM:QAM64

Parameter/Response:

Example: DSS : LTE : FRAME : EVM : QAM64 ?

Description: You can query QAM64 EVM in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PB**

Syntax: DSS:LTE:FRAME:EVM:PB

Parameter/Response:

Example: DSS : LTE : FRAME : EVM : PB ?

Description: You can query PBCH EVM in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PCFI**

Syntax: DSS:LTE:FRAME:EVM:PCFI

Parameter/Response:

Example: DSS : LTE : FRAME : EVM : PCFI ?

Description: You can query PCFICH EVM in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PDC**

Syntax: DSS:LTE:FRAME:EVM:PDC

Parameter/Response:

Example: DSS : LTE : FRAME : EVM : PDC ?

Description: You can query PDCCH EVM in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PDS:QAM16:JUDGE**

Syntax: DSS:LTE:FRAME:EVM:PDS:QAM16:JUDGE

Parameter/Response:

Example: DSS : LTE : FRAME : EVM : PDS : QAM16 : JUDGE ?

Description: You can query pass or fail for the EVM of PDSCH QAM16 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PDS:QAM256:JUDGE**

Syntax: DSS:LTE:FRAME:EVM:PDS:QAM256:JUDGE

Parameter/Response:

Example: DSS : LTE : FRAME : EVM : PDS : QAM256 : JUDGE ?

---

Description: You can query pass or fail for the EVM of PDSCH QAM256 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:PDS:QAM64:JUDGe**

Syntax: DSS:LTE:FRAMe:EVM:PDS:QAM64:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:PDS:QAM64:JUDGe?

Description: You can query pass or fail for the EVM of PDSCH QAM64 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:PDS:QPSK:JUDGe**

Syntax: DSS:LTE:FRAMe:EVM:PDS:QPSK:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:PDS:QPSK:JUDGe?

Description: You can query pass or fail for the EVM of PDSCH QPSK in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:PHI**

Syntax: DSS:LTE:FRAMe:EVM:PHI

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:PHI?

Description: You can query PHICH EVM in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:PMCH:QAM16**

Syntax: DSS:LTE:FRAMe:EVM:PMCH:QAM16

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:PMCH:QAM16?

Description: You can query EVM of PMCH QAM16 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:PMCH:QAM16:JUDGe**

Syntax: DSS:LTE:FRAMe:EVM:PMCH:QAM16:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:PMCH:QAM16:JUDGe?

Description: You can query pass or fail for EVM of PMCH QAM16 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:PMCH:QAM256**

Syntax: DSS:LTE:FRAMe:EVM:PMCH:QAM256

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:PMCH:QAM256?

---

Description: You can query EVM of PMCH QAM256 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PMCH:QAM256:JUDGE**

Syntax: DSS:LTE:FRAME:EVM:PMCH:QAM256:JUDGE

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:PMCH:QAM256:JUDGE?

Description: You can query pass or fail for EVM of PMCH QAM256 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PMCH:QAM64**

Syntax: DSS:LTE:FRAME:EVM:PMCH:QAM64

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:PMCH:QAM64?

Description: You can query EVM of PMCH QAM64 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PMCH:QAM64:JUDGE**

Syntax: DSS:LTE:FRAME:EVM:PMCH:QAM64:JUDGE

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:PMCH:QAM64:JUDGE?

Description: You can query pass or fail for EVM of PMCH QAM64 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PMCH:QPSK**

Syntax: DSS:LTE:FRAME:EVM:PMCH:QPSK

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:PMCH:QPSK?

Description: You can query EVM of PMCH QPSK in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PMCH:QPSK:JUDGE**

Syntax: DSS:LTE:FRAME:EVM:PMCH:QPSK:JUDGE

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:PMCH:QPSK:JUDGE?

Description: You can query pass or fail for EVM of PMCH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PSS**

Syntax: DSS:LTE:FRAME:EVM:PSS

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:PSS?

---

Description: You can query EVM of PSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:PSS:JUDGE**

Syntax: DSS:LTE:FRAME:EVM:PSS:JUDGE

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:PSS:JUDGE?

Description: You can query pass or fail for EVM of PSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:QPSK**

Syntax: DSS:LTE:FRAME:EVM:QPSK

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:QPSK?

Description: You can query EVM of QPSK in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:RS**

Syntax: DSS:LTE:FRAME:EVM:RS

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:RS?

Description: You can query EVM of RS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:RS0**

Syntax: DSS:LTE:FRAME:EVM:RS0

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:RS0?

Description: You can query EVM of RS0 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:RS1**

Syntax: DSS:LTE:FRAME:EVM:RS1

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:RS1?

Description: You can query EVM of RS1 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:EVM:RS2**

Syntax: DSS:LTE:FRAME:EVM:RS2

Parameter/Response:

Example: DSS:LTE:FRAME:EVM:RS2?

---

Description: You can query EVM of RS2 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:RS3**

Syntax: DSS:LTE:FRAMe:EVM:RS3

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:RS3?

Description: You can query EVM of RS3 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:RS:JUDGe**

Syntax: DSS:LTE:FRAMe:EVM:RS:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:RS:JUDGe?

Description: You can query pass or fail for EVM of RS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:SSS**

Syntax: DSS:LTE:FRAMe:EVM:SSS

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:SSS?

Description: You can query EVM of SSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:SSS:JUDGe**

Syntax: DSS:LTE:FRAMe:EVM:SSS:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:SSS:JUDGe?

Description: You can query pass or fail for EVM of SSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:EVM:UNALlocated**

Syntax: DSS:LTE:FRAMe:EVM:UNALlocated

Parameter/Response:

Example: DSS:LTE:FRAMe:EVM:UNALlocated?

Description: You can query EVM of Unallocated in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:FREQuency:ERRor:HZ**

Syntax: DSS:LTE:FRAMe:FREQuency:ERRor:HZ

Parameter/Response:

Example: DSS:LTE:FRAMe:FREQuency:ERRor:HZ?

---

Description: You can query Frequency Error (Hz) for Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:FREQuency:ERRor:JUDGe**

Syntax: DSS:LTE:FRAME:FREQuency:ERRor:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAME:FREQuency:ERRor:JUDGe?

Description: You can query pass or fail for Frequency Error (Hz) for Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:FREQuency:ERRor:PPM**

Syntax: DSS:LTE:FRAME:FREQuency:ERRor:PPM

Parameter/Response:

Example: DSS:LTE:FRAME:FREQuency:ERRor:PPM?

Description: You can query Frequency Error of PPM for Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:IQ:ORIGin:OFFSet**

Syntax: DSS:LTE:FRAME:IQ:ORIGin:OFFSet

Parameter/Response:

Example: DSS:LTE:FRAME:IQ:ORIGin:OFFSet?

Description: You can query IQ Origin Offset in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:IQ:ORIGin:OFFSet:JUDGe**

Syntax: DSS:LTE:FRAME:IQ:ORIGin:OFFSet:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAME:IQ:ORIGin:OFFSet:JUDGe?

Description: You can query pass or fail for IQ Origin Offset in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:JUDGe**

Syntax: DSS:LTE:FRAME:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAME:JUDGe?

Description: You can query pass or fail for Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:MEASured:CFI**

Syntax: DSS:LTE:FRAME:MEASured:CFI

Parameter/Response:

Example: DSS:LTE:FRAME:MEASured:CFI?

---

Description: You can query Measured CFI in frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PB**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PB

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PB?

Description: You can query Modulation Type of PBCH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PCFI**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PCFI

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PCFI?

Description: You can query Modulation Type of PCFICH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PDC**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PDC

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PDC?

Description: You can query Modulation Type of PDCCH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PDS:QAM16**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PDS:QAM16

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PDS:QAM16?

Description: You can query Modulation Type of PDSCH QAM16 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PDS:QAM256**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PDS:QAM256

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PDS:QAM256?

Description: You can query Modulation Type of PDSCH QAM256 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PDS:QAM64**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PDS:QAM64

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PDS:QAM64?

---

Description: You can query Modulation Type of PDSCH QAM64 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PDS:QPSK**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PDS:QPSK

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PDS:QPSK?

Description: You can query Modulation Type of PDSCH QPSK in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PHI**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PHI

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PHI?

Description: You can query Modulation Type of PHICH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QAM16**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QAM16

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QAM16?

Description: You can query Modulation Type of PMCHQAM16 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QAM256**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QAM256

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QAM256?

Description: You can query Modulation Type of PMCH QAM256 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QAM64**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QAM64

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QAM64?

Description: You can query Modulation Type of PMCH QAM64 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QPSK**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QPSK

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PMCH:QPSK?



---

Description: You can query Modulation Type of PMCH QPSK in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:PSS**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:PSS

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:PSS?

Description: You can query Modulation Type of PSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:RS**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:RS

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:RS?

Description: You can query Modulation Type of RS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:RS0**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:RS0

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:RS0?

Description: You can query Modulation Type of RS0 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:RS1**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:RS1

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:RS1?

Description: You can query Modulation Type of RS1 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:RS2**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:RS2

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:RS2?

Description: You can query Modulation Type of RS2 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAMe:MODulation:TYPE:RS3**

Syntax: DSS:LTE:FRAMe:MODulation:TYPE:RS3

Parameter/Response:

Example: DSS:LTE:FRAMe:MODulation:TYPE:RS3?

---

Description: You can query Modulation Type of RS3 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:MODulation:TYPE:SSS**

Syntax: DSS:LTE:FRAME:MODulation:TYPE:SSS

Parameter/Response:

Example: DSS:LTE:FRAME:MODulation:TYPE:SSS?

Description: You can query Modulation Type of SSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:MODulation:TYPE:UNAllocated**

Syntax: DSS:LTE:FRAME:MODulation:TYPE:UNAllocated

Parameter/Response:

Example: DSS:LTE:FRAME:MODulation:TYPE:UNAllocated?

Description: You can query Modulation Type of Unallocated in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:OFDM:POWer:SYMBol**

Syntax: DSS:LTE:FRAME:OFDM:POWer:SYMBol

Parameter/Response:

Example: DSS:LTE:FRAME:OFDM:POWer:SYMBol?

Description: You can query OFDM Symbol Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:OFDM:POWer:SYMBol:JUDGe**

Syntax: DSS:LTE:FRAME:OFDM:POWer:SYMBol:JUDGe

Parameter/Response:

Example: DSS:LTE:FRAME:OFDM:POWer:SYMBol:JUDGe?

Description: You can query pass or fail for OFDM Symbol Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:OPERation:ANTenna#**

Syntax: DSS:LTE:FRAME:OPERation:ANTenna#

Parameter/Response:

Example: DSS:LTE:FRAME:OPERation:ANTenna3?

Description: You can query if Antenna# is being operated in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:POWer:AVERage**

Syntax: DSS:LTE:FRAME:POWer:AVERage

Parameter/Response:

Example: DSS:LTE:FRAME:POWer:AVERage?

---

Description: You can query Frame Average Power in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PB**

Syntax: DSS:LTE:FRAME:REGard:RB:PB

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PB?

Description: You can query REG/RBs of PBCH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PCFI**

Syntax: DSS:LTE:FRAME:REGard:RB:PCFI

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PCFI?

Description: You can query REG/RBs of PCFICH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PDC**

Syntax: DSS:LTE:FRAME:REGard:RB:PDC

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PDC?

Description: You can query REG/RBs of PDCCH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PDS:QAM16**

Syntax: DSS:LTE:FRAME:REGard:RB:PDS:QAM16

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PDS:QAM16?

Description: You can query REG/RBs of PDSCH QAM16 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PDS:QAM256**

Syntax: DSS:LTE:FRAME:REGard:RB:PDS:QAM256

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PDS:QAM256?

Description: You can query REG/RBs of PDSCH QAM256 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PDS:QAM64**

Syntax: DSS:LTE:FRAME:REGard:RB:PDS:QAM64

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PDS:QAM64?

---

Description: You can query REG/RBs of PDSCH QAM64 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PDS:QPSK**

Syntax: DSS:LTE:FRAME:REGard:RB:PDS:QPSK

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PDS:QPSK?

Description: You can query REG/RBs of PDSCH QPSK in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PHI**

Syntax: DSS:LTE:FRAME:REGard:RB:PHI

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PHI?

Description: You can query REG/RBs of PHICH in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PMCH:QAM16**

Syntax: DSS:LTE:FRAME:REGard:RB:PMCH:QAM16

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PMCH:QAM16?

Description: You can query REG/RBs of PMCH QAM16 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PMCH:QAM256**

Syntax: DSS:LTE:FRAME:REGard:RB:PMCH:QAM256

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PMCH:QAM256?

Description: You can query REG/RBs of PMCH QAM256 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PMCH:QAM64**

Syntax: DSS:LTE:FRAME:REGard:RB:PMCH:QAM64

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PMCH:QAM64?

Description: You can query REG/RBs of PMCH QAM64 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PMCH:QPSK**

Syntax: DSS:LTE:FRAME:REGard:RB:PMCH:QPSK

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PMCH:QPSK?

---

Description: You can query REG/RBs of PMCH QPSK in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PMCH:UNAllocated**

Syntax: DSS:LTE:FRAME:REGard:RB:PMCH:UNAllocated

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PMCH:UNAllocated?

Description: You can query REG/RBs of Unallocated in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:PSS**

Syntax: DSS:LTE:FRAME:REGard:RB:PSS

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:PSS?

Description: You can query REG/RBs of PSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:RS**

Syntax: DSS:LTE:FRAME:REGard:RB:RS

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:RS?

Description: You can query REG/RBs of RS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:RS0**

Syntax: DSS:LTE:FRAME:REGard:RB:RS0

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:RS0?

Description: You can query REG/RBs of RS0 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:RS1**

Syntax: DSS:LTE:FRAME:REGard:RB:RS1

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:RS1?

Description: You can query REG/RBs of RS1 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:RS2**

Syntax: DSS:LTE:FRAME:REGard:RB:RS2

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:RS2?

---

Description: You can query REG/RBs of RS2 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:RS3**

Syntax: DSS:LTE:FRAME:REGard:RB:RS3

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:RS3?

Description: You can query REG/RBs of RS3 in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:REGard:RB:SSS**

Syntax: DSS:LTE:FRAME:REGard:RB:SSS

Parameter/Response:

Example: DSS:LTE:FRAME:REGard:RB:SSS?

Description: You can query REG/RBs of SSS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS0:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:FRAME:RS0:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:ACCumulate?

Description: You can query Accumulated EVM RS0 RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS0:EVM:RMS:NORMal**

Syntax: DSS:LTE:FRAME:RS0:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:NORMal?

Description: You can query EVM RS0 RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS1:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:FRAME:RS1:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:ACCumulate?

Description: You can query Accumulated EVM RS1 RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS1:EVM:RMS:NORMal**

Syntax: DSS:LTE:FRAME:RS1:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:NORMal?

---

Description: You can query EVM RS1 RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS2:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:FRAME:RS2:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:ACCumulate?

Description: You can query Accumulated EVM RS2 RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS2:EVM:RMS:NORMal**

Syntax: DSS:LTE:FRAME:RS2:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:NORMal?

Description: You can query EVM RS2 RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS3:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:FRAME:RS3:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:ACCumulate?

Description: You can query Accumulated EVM RS3 RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS3:EVM:RMS:NORMal**

Syntax: DSS:LTE:FRAME:RS3:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:NORMal?

Description: You can query EVM RS3 RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS:EVM:PEAK:ACCumulate**

Syntax: DSS:LTE:FRAME:RS:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:PEAK:ACCumulate?

Description: You can query Accumulated EVM RS Peak in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS:EVM:PEAK:NORMal**

Syntax: DSS:LTE:FRAME:RS:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:PEAK:NORMal?

---

Description: You can query EVM RS Peak in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS:EVM:PEAK:SYMBOL**

Syntax: DSS:LTE:FRAME:RS:EVM:PEAK:SYMBOL

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:PEAK:SYMBOL?

Description: You can query Symbol of EVM RS Peak in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:FRAME:RS:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:ACCumulate?

Description: You can query Accumulated EVM RS RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FRAME:RS:EVM:RMS:NORMAL**

Syntax: DSS:LTE:FRAME:RS:EVM:RMS:NORMAL

Parameter/Response:

Example: DSS:LTE:FRAME:RS:EVM:RMS:NORMAL?

Description: You can query EVM RS RMS in Frame measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:FREQUENCY:CENTER**

Syntax: DSS:LTE:FREQUENCY:CENTER

Parameter/Response:

Example: DSS:LTE:FREQUENCY:CENTER 1000 MHz

Description: You can set center frequency of LTE in DSS Signal Analyzer

#### **DSS:LTE:MACP:AVERAGE**

Syntax: DSS:LTE:MACP:AVERAGE

Parameter/Response:

Example: DSS:LTE:MACP:AVERAGE?

Description: You can query Average number in Multi-ACP of LTE in DSS Signal Analyzer

#### **DSS:LTE:MACP:INTEGRATION:LOWER#:ABSOLUTE:POWER**

Syntax: DSS:LTE:MACP:INTEGRATION:LOWER#:ABSOLUTE:POWER

Parameter/Response:

Example: DSS:LTE:MACP:INTEGRATION:LOWER5:ABSOLUTE:POWER?

Description: You can query Absolute Integration Power of lower channel in Multi Adjacent Channel Power measurement of LTE in DSS Signal Analyzer



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### **DSS:LTE:MACP:INTEgration:LOWer#:JUDGe**

Syntax: DSS:LTE:MACP:INTEgration:LOWer#:JUDGe

Parameter/Response:

Example: DSS:LTE:MACP:INTEgration:LOWer5:JUDGe?

Description: You can query pass or fail for Integration Power of Lower Channel in Multi Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:INTEgration:LOWer#:RELative:POWer**

Syntax: DSS:LTE:MACP:INTEgration:LOWer#:RELative:POWer

Parameter/Response:

Example: DSS:LTE:MACP:INTEgration:LOWer5:RELative:POWer?

Description: You can query Relative Integration Power of Lower Channel in Multi Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:INTEgration:UPPer#:ABSolute:POWer**

Syntax: DSS:LTE:MACP:INTEgration:UPPer#:ABSolute:POWer

Parameter/Response:

Example: DSS:LTE:MACP:INTEgration:UPPer5:ABSolute:POWer?

Description: You can query Absolute Integration Power of Upper Channel in Multi Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:INTEgration:UPPer#:JUDGe**

Syntax: DSS:LTE:MACP:INTEgration:UPPer#:JUDGe

Parameter/Response:

Example: DSS:LTE:MACP:INTEgration:UPPer5:JUDGe?

Description: You can query pass or fail for Integration Power of Upper Channel in Multi Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:INTEgration:UPPer#:RELative:POWer**

Syntax: DSS:LTE:MACP:INTEgration:UPPer#:RELative:POWer

Parameter/Response:

Example: DSS:LTE:MACP:INTEgration:UPPer5:RELative:POWer?

Description: You can query Relative Integration Power of Upper Channel in Multi Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:JUDGe**

Syntax: DSS:LTE:MACP:JUDGe

Parameter/Response:

Example: DSS:LTE:MACP:JUDGe?

Description: You can query pass or fail for Multi Adjacent Channel Power of LTE in DSS Signal Analyzer

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### **DSS:LTE:MACP:MARKer#:DELTA:FREQuency**

Syntax: DSS:LTE:MACP:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: DSS:LTE:MACP:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Multiple Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:MARKer#:DELTA:POWER**

Syntax: DSS:LTE:MACP:MARKer#:DELTA:POWER

Parameter/Response:

Example: DSS:LTE:MACP:MARKer1:DELTA:POWER?

Description: You can query Delta Marker Power for Multiple Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:MARKer#:DISPlay:FREQuency**

Syntax: DSS:LTE:MACP:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: DSS:LTE:MACP:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Multi-ACP measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:MARKer#:FREQuency**

Syntax: DSS:LTE:MACP:MARKer#:FREQuency

Parameter/Response:

Example: DSS:LTE:MACP:MARKer1:FREQuency?

Description: You can query Marker Frequency in Multi-ACP measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:MARKer#:POWER**

Syntax: DSS:LTE:MACP:MARKer#:POWER

Parameter/Response:

Example: DSS:LTE:MACP:MARKer1:POWER?

Description: You can query Power of Marker# in Multi-ACP measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:REFeRence:LOWer:POWER**

Syntax: DSS:LTE:MACP:REFeRence:LOWer:POWER

Parameter/Response:

Example: DSS:LTE:MACP:REFeRence:LOWer:POWER?

Description: You can query Reference Power of low carrier for Multi Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:MACP:REFeRence:UPPer:POWeR**

Syntax: DSS:LTE:MACP:REFeRence:UPPer:POWeR

Parameter/Response:

Example: DSS:LTE:MACP:REFeRence:UPPer:POWeR?

Description: You can query Reference Power of upper carrier for Multi Adjacent Channel Power measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:MACP:TRACe:DATA**

Syntax: DSS:LTE:MACP:TRACe:DATA

Parameter/Response:

Example: DSS:LTE:MACP:TRACe:DATA?

Description: You can query Trace Data in Multiple Adjacent Channel Power Measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OCCUpied:BW:AVERage**

Syntax: DSS:LTE:OCCUpied:BW:AVERage

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW:AVERage?

Description: You can query Average number in Occupied Bandwidth measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OCCUpied:BW:MARKer#:DELTA:FREQuency**

Syntax: DSS:LTE:OCCUpied:BW:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Occupied Bandwidth measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OCCUpied:BW:MARKer#:DELTA:POWeR**

Syntax: DSS:LTE:OCCUpied:BW:MARKer#:DELTA:POWeR

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW:MARKer1:DELTA:POWeR?

Description: You can query Delta Marker Power in Occupied Bandwidth measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OCCUpied:BW:MARKer#:DISPlay:FREQuency**

Syntax: DSS:LTE:OCCUpied:BW:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Occupied Bandwidth measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:OCCUpied:BW:MARKer#:FREQUency**

Syntax: DSS:LTE:OCCUpied:BW:MARKer#:FREQUency

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW:MARKer1:FREQUency?

Description: You can query Marker Frequency in Occupied Bandwidth measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OCCUpied:BW:MARKer#:POWER**

Syntax: DSS:LTE:OCCUpied:BW:MARKer#:POWER

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW:MARKer1:POWER?

Description: You can query Power of Marker# in OBW measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OCCUpied:BW:TRACe:DATA**

Syntax: DSS:LTE:OCCUpied:BW:TRACe:DATA

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW:TRACe:DATA?

Description: You can query Trace Data in Occupied Bandwidth Measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OCCUpied:BW**

Syntax: DSS:LTE:OCCUpied:BW

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW?

Description: You can query LTE Occupied Bandwidth in DSS Signal Analyzer

### **DSS:LTE:OCCUpied:BW:INTegrated:POWER**

Syntax: DSS:LTE:OCCUpied:BW:INTegrated:POWER

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW:INTegrated:POWER?

Description: You can query Integrated Power in Occupied Bandwidth measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OCCUpied:BW:JUDGe**

Syntax: DSS:LTE:OCCUpied:BW:JUDGe

Parameter/Response:

Example: DSS:LTE:OCCUpied:BW:JUDGe?

Description: You can query pass or fail for LTE Occupied Bandwidth in DSS Signal Analyzer

---

### **DSS:LTE:OCCupied:BW:OCCupied:POWer**

Syntax: DSS:LTE:OCCupied:BW:OCCupied:POWer

Parameter/Response:

Example: DSS:LTE:OCCupied:BW:OCCupied:POWer?

Description: You can query Occupied Power in Occupied Bandwidth measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OCCupied:BW:XDB:BW**

Syntax: DSS:LTE:OCCupied:BW:XDB:BW

Parameter/Response:

Example: DSS:LTE:OCCupied:BW:XDB:BW?

Description: You can query xDB Bandwidth in Occupied Bandwidth Measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CHANnel:SCANner:CHANnel:POWer:ORDer#**

Syntax: DSS:LTE:OTA:CHANnel:SCANner:CHANnel:POWer:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:CHANnel:SCANner:CHANnel:POWer:ORDer6?

Description: You can query Channel Power in OTA Channel Scanner measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CHANnel:SCANner:DETect:ANTenna#**

Syntax: DSS:LTE:OTA:CHANnel:SCANner:DETect:ANTenna#

Parameter/Response:

Example: DSS:LTE:OTA:CHANnel:SCANner:DETect:ANTenna3?

Description: You can query antenna number in OTA Channel Scanner measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CHANnel:SCANner:DETect:ANTenna:ORDer#**

Syntax: DSS:LTE:OTA:CHANnel:SCANner:DETect:ANTenna:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:CHANnel:SCANner:DETect:ANTenna:ORDer6?

Description: You can query Detected Antenna in OTA Channel Scanner measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CHANnel:SCANner:JUDGE**

Syntax: DSS:LTE:OTA:CHANnel:SCANner:JUDGE

Parameter/Response:

Example: DSS:LTE:OTA:CHANnel:SCANner:JUDGE?

Description: You can query pass or fail for OTA Channel Scanner measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:OTA:CHANnel:SCANner:RSRP:POWer:ORDer#**

Syntax: DSS:LTE:OTA:CHANnel:SCANner:RSRP:POWer:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:CHANnel:SCANner:RSRP:POWer:ORDer6?

Description: You can query RSRP Power in OTA Channel Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CHANnel:SCANner:RSRQ:POWer:ORDer#**

Syntax: DSS:LTE:OTA:CHANnel:SCANner:RSRQ:POWer:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:CHANnel:SCANner:RSRQ:POWer:ORDer6?

Description: You can query RSRQ Power in OTA Channel Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CHANnel:SCANner:RSSI:POWer:ORDer#**

Syntax: DSS:LTE:OTA:CHANnel:SCANner:RSSI:POWer:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:CHANnel:SCANner:RSSI:POWer:ORDer6?

Description: You can query RSSI Power in OTA Channel Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDer#**

Syntax: DSS:LTE:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDer6?

Description: You can query SS-SINR Power in OTA Channel Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:AVERage:RS#:DATA**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:AVERage:RS#:DATA

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:AVERage:RS3:DATA?

Description: You can query average EVM of RS in OTA Control Channel of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:PSS:JUDGE**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:PSS:JUDGE

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:PSS:JUDGE?

Description: You can query pass or fail for the PSS EVM in OTA Control Channel measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:PB**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:PB

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:PB?

Description: You can query EVM RMS of PBCH in OTA Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:PCFI**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:PCFI

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:PCFI?

Description: You can query EVM RMS of PCFICH in OTA Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:PSS**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:PSS

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:PSS?

Description: You can query EVM RMS of PSS in OTA Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:RS#**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:RS#

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:RS3?

Description: You can query EVM RMS of RS# in OTA Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:SSS**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:SSS

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RMS:SSS?

Description: You can query EVM RMS of SSS in OTA Control Channel measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:RS#:DATA**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RS#:DATA

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RS3:DATA?

Description: You can query EVM trace of RS in OTA Control Channel of LTE in DSS Signal Analyzer



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### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:RS#:JUDGe**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RS#:JUDGe

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:RS3:JUDGe?

Description: You can query pass or fail for the RS# EVM in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:EVM:SSS:JUDGe**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:EVM:SSS:JUDGe

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:EVM:SSS:JUDGe?

Description: You can query pass or fail for the SSS EVM in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:FREQuency:ERRor:HZ**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:FREQuency:ERRor:HZ

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:FREQuency:ERRor:HZ?

Description: You can query Frequency Error in Hz in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:FREQuency:ERRor:JUDGe**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:FREQuency:ERRor:JUDGe

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:FREQuency:ERRor:JUDGe?

Description: You can query pass or fail for Frequency Error in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:FREQuency:ERRor:PPM**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:FREQuency:ERRor:PPM

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:FREQuency:ERRor:PPM?

Description: You can query Frequency Error in ppm in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:JUDGe**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:JUDGe

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:JUDGe?

Description: You can query pass or fail for OTA Control Channel measurement of LTE in DSS Signal Analyzer



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### **DSS:LTE:OTA:CONTRol:CHANnel:MEASured:COUNT**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:MEASured:COUNT

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:MEASured:COUNT?

Description: You can query Measured Count in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:MBMS**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:MBMS

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:MBMS?

Description: You can query Phase Degree of MBMS in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:PB**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:PB

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:PB?

Description: You can query Phase Degree of PBCH in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:PCFI**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:PCFI

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:PCFI?

Description: You can query Phase Degree of PCFICH in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:PSS**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:PSS

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:PSS?

Description: You can query Phase Degree of PSS in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:RS#**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:RS#

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:RS3?

Description: You can query Phase Degree of RS# in OTA Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:SSS**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:SSS

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:PHASe:DEGRee:SSS?

Description: You can query Phase Degree of SSS in OTA Control Channel measurement of LTE in DSS Signal Analyze

### **DSS:LTE:OTA:CONTRol:CHANnel:POWER:AVERage:RS#:DATA**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWER:AVERage:RS#:DATA

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWER:AVERage:RS3:DATA?

Description: You can query Average Power of RS in OTA Control Channel of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:POWER:PB:ABSolute**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWER:PB:ABSolute

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWER:PB:ABSolute?

Description: You can query Absolute Power of PBCH in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:POWER:PB:RELative**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWER:PB:RELative

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWER:PB:RELative?

Description: You can query Relative Power of PBCH in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:POWER:PCFI:ABSolute**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWER:PCFI:ABSolute

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWER:PCFI:ABSolute?

Description: You can query Absolute Power of PCFICH in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:POWER:PCFI:RELative**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWER:PCFI:RELative

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWER:PCFI:RELative?

Description: You can query Relative Power of PCFICH in OTA Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:OTA:CONTRol:CHANnel:POWer:PSS:ABSolute**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWer:PSS:ABSolute

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWer:PSS:ABSolute?

Description: You can query Absolute Power of PSS in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:POWer:PSS:RELative**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWer:PSS:RELative

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWer:PSS:RELative?

Description: You can query Relative Power of PSS in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:POWer:RS#:ABSolute**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWer:RS#:ABSolute

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWer:RS3:ABSolute?

Description: You can query Absolute Power of RS# in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:POWer:RS#:DATA**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWer:RS#:DATA

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWer:RS3:DATA?

Description: You can query trace of RS Power in OTA Control Channel of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:POWer:RS#:RELative**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWer:RS#:RELative

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWer:RS3:RELative?

Description: You can query Relative Power of RS# in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:POWer:SSS:ABSolute**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWer:SSS:ABSolute

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWer:SSS:ABSolute?

Description: You can query Absolute Power of SSS in OTA Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:OTA:CONTRol:CHANnel:POWer:SSS:RELative**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:POWer:SSS:RELative

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:POWer:SSS:RELative?

Description: You can query Relative Power of SSS in OTA Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:TAE:AVERage**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:TAE:AVERage

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:TAE:AVERage?

Description: You can query Average Time Alignment Error in OTA Control Channel of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:TAE:ERRor:JUDGe**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:TAE:ERRor:JUDGe

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:TAE:ERRor:JUDGe?

Description: You can query pass or fail of Time Alignment Error in OTA Control Channel of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:TAE:PEAK**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:TAE:PEAK

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:TAE:PEAK?

Description: You can query Peak Time Alignment Error in OTA Control Channel of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:TIME:ERRor**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:TIME:ERRor

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:TIME:ERRor?

Description: You can query Time Error in OTA Control Channel of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:CONTRol:CHANnel:TIME:ERRor:JUDGe**

Syntax: DSS:LTE:OTA:CONTRol:CHANnel:TIME:ERRor:JUDGe

Parameter/Response:

Example: DSS:LTE:OTA:CONTRol:CHANnel:TIME:ERRor:JUDGe?

Description: You can query pass or fail for Time Error in OTA Control Channel of LTE in DSS Signal Analyzer

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#### **DSS:LTE:OTA:ID:SCANner:DETECT:CELL:ORDER#**

Syntax: DSS:LTE:OTA:ID:SCANner:DETECT:CELL:ORDER#

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:DETECT:CELL:ORDER6?

Description: You can query Detected Cell ID in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:ID:SCANner:DOMinance:ECIO**

Syntax: DSS:LTE:OTA:ID:SCANner:DOMinance:ECIO

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:DOMinance:ECIO?

Description: You can query Measured Ec/Io Value in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:ID:SCANner:DOMinance:PSS**

Syntax: DSS:LTE:OTA:ID:SCANner:DOMinance:PSS

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:DOMinance:PSS?

Description: You can query Measured PSS Value in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:ID:SCANner:DOMinance:RSRP**

Syntax: DSS:LTE:OTA:ID:SCANner:DOMinance:RSRP

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:DOMinance:RSRP?

Description: You can query Measured RSRP Value in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:ID:SCANner:DOMinance:RSRQ**

Syntax: DSS:LTE:OTA:ID:SCANner:DOMinance:RSRQ

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:DOMinance:RSRQ?

Description: You can query Measured RSRQ Value in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:ID:SCANner:DOMinance:RSSI**

Syntax: DSS:LTE:OTA:ID:SCANner:DOMinance:RSSI

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:DOMinance:RSSI?

Description: You can query Measured RSSI Value in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:OTA:ID:SCANner:DOMinance:SSS**

Syntax: DSS:LTE:OTA:ID:SCANner:DOMinance:SSS

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:DOMinance:SSS?

Description: You can query Measured SSS Value in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ID:SCANner:ECIO:SSS:ORDer#**

Syntax: DSS:LTE:OTA:ID:SCANner:ECIO:SSS:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:ECIO:SSS:ORDer6?

Description: You can query SSS Ec/Io Value of order# in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ID:SCANner:POWer:PSS:ORDer#**

Syntax: DSS:LTE:OTA:ID:SCANner:POWer:PSS:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:POWer:PSS:ORDer6?

Description: You can query PSS Power of Order# in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ID:SCANner:POWer:RSRP:ORDer#**

Syntax: DSS:LTE:OTA:ID:SCANner:POWer:RSRP:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:POWer:RSRP:ORDer6?

Description: You can query RSRP Power of Order# in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ID:SCANner:POWer:RSRQ:ORDer#**

Syntax: DSS:LTE:OTA:ID:SCANner:POWer:RSRQ:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:POWer:RSRQ:ORDer6?

Description: You can query RSRQ Power of Order# in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ID:SCANner:POWer:SS:SINR:ORDer#**

Syntax: DSS:LTE:OTA:ID:SCANner:POWer:SS:SINR:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:POWer:SS:SINR:ORDer6?

Description: You can query SINR Power of Order# in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:OTA:ID:SCANner:POWer:SSS:ORDer#**

Syntax: DSS:LTE:OTA:ID:SCANner:POWer:SSS:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:POWer:SSS:ORDer6?

Description: You can query SSS Power of Order# in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:ID:SCANner:POWer:SSS:RSSI:ORDer#**

Syntax: DSS:LTE:OTA:ID:SCANner:POWer:SSS:RSSI:ORDer#

Parameter/Response:

Example: DSS:LTE:OTA:ID:SCANner:POWer:SSS:RSSI:ORDer6?

Description: You can query SSS RSSI Power in OTA ID Scanner measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:MULTipath:RS:DELaY:ANTenna#**

Syntax: DSS:LTE:OTA:MULTipath:RS:DELaY:ANTenna#

Parameter/Response:

Example: DSS:LTE:OTA:MULTipath:RS:DELaY:ANTenna306?

Description: You can query RS Delay in OTA Multipath profile measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:MULTipath:RS:ECIO:POWer:ANTenna#**

Syntax: DSS:LTE:OTA:MULTipath:RS:ECIO:POWer:ANTenna#

Parameter/Response:

Example: DSS:LTE:OTA:MULTipath:RS:ECIO:POWer:ANTenna306?

Description: You can query RS Ec/Io Power of Antenna# in OTA Multipath Profile measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:MULTipath:RS:ECIO:ANTenna#:DATA**

Syntax: DSS:LTE:OTA:MULTipath:RS:ECIO:ANTenna#:DATA

Parameter/Response:

Example: DSS:LTE:OTA:MULTipath:RS:ECIO:ANTenna0:DATA?

Description: You can query RS Ec/Io Data of Antenna# from 0 to 3 in OTA Multipath Profile measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:OTA:MULTipath:SYNC:PSS:ECIO:DATA**

Syntax: DSS:LTE:OTA:MULTipath:SYNC:PSS:ECIO:DATA

Parameter/Response:

Example: DSS:LTE:OTA:MULTipath:SYNC:PSS:ECIO:DATA?

Description: You can query Sync PSS Ec/Io trace in OTA Multipath Profile measurement of LTE in DSS Signal Analyzer



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### **DSS:LTE:OTA:MULTipath:SYNC:SSS:ECIO:DATA**

Syntax: DSS:LTE:OTA:MULTipath:SYNC:SSS:ECIO:DATA

Parameter/Response:

Example: DSS:LTE:OTA:MULTipath:SYNC:SSS:ECIO:DATA?

Description: You can query Sync SSS Ec/Io trace in OTA Multipath Profile measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:ECIO**

Syntax: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:ECIO

Parameter/Response:

Example: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:ECIO?

Description: You can query Ec/Io in OTA Route Map measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:PSS**

Syntax: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:PSS

Parameter/Response:

Example: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:PSS?

Description: You can query Channel Power of PSS in OTA Route Map measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:RSRP**

Syntax: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:RSRP

Parameter/Response:

Example: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:RSRP?

Description: You can query Channel Power of RSRP in OTA Route Map measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:RSRQ**

Syntax: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:RSRQ

Parameter/Response:

Example: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:RSRQ?

Description: You can query Channel Power of RSRQ in OTA Route Map measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:RSSI**

Syntax: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:RSSI

Parameter/Response:

Example: DSS:LTE:OTA:ROUTE:MAP:CHANnel:POWER:RSSI?

Description: You can query Channel Power of RSSI in OTA Route Map measurement of LTE in DSS Signal Analyzer



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### **DSS:LTE:OTA:ROUTe:MAP:CHANnel:POWer:SINR**

Syntax: DSS:LTE:OTA:ROUTe:MAP:CHANnel:POWer:SINR

Parameter/Response:

Example: DSS:LTE:OTA:ROUTe:MAP:CHANnel:POWer:SINR?

Description: You can query Channel Power of SINR in OTA Route Map measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:OTA:ROUTe:MAP:CHANnel:POWer:SSS**

Syntax: DSS:LTE:OTA:ROUTe:MAP:CHANnel:POWer:SSS

Parameter/Response:

Example: DSS:LTE:OTA:ROUTe:MAP:CHANnel:POWer:SSS?

Description: You can query Channel Power of SSS in OTA Route Map measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:AVERage:POWer**

Syntax: DSS:LTE:PVST:FRAME:AVERage:POWer

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:AVERage:POWer?

Description: You can query Average Power in Power vs Time(Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:CELL:ID**

Syntax: DSS:LTE:PVST:FRAME:CELL:ID

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:CELL:ID?

Description: You can query Cell ID in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:DETECT:ANTenna#**

Syntax: DSS:LTE:PVST:FRAME:DETECT:ANTenna#

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:DETECT:ANTenna3?

Description: You can query antennal number in Power vs Time (Frame) measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:DETECT:MBMS:NUMBER**

Syntax: DSS:LTE:PVST:FRAME:DETECT:MBMS:NUMBER

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:DETECT:MBMS:NUMBER?

Description: You can query MBMS number in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:PVST:FRAME:FRAME:AVERAge:POWer:JUDGe**

Syntax: DSS:LTE:PVST:FRAME:FRAME:AVERAge:POWer:JUDGe

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:FRAME:AVERAge:POWer:JUDGe?

Description: You can query pass or fail for the Frame Average Power in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:IQ:ORIGin:OFFSet**

Syntax: DSS:LTE:PVST:FRAME:IQ:ORIGin:OFFSet

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:IQ:ORIGin:OFFSet?

Description: You can query IQ Origin Offset in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe**

Syntax: DSS:LTE:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe?

Description: You can query pass or fail for IQ Origin Offset in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:JUDGe**

Syntax: DSS:LTE:PVST:FRAME:JUDGe

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:JUDGe?

Description: You can query pass or fail for Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:OPERation:ANTenna#**

Syntax: DSS:LTE:PVST:FRAME:OPERation:ANTenna#

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:OPERation:ANTenna3?

Description: You can query if Antenna# is being operated in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:SLOT:POWer:FIRSt**

Syntax: DSS:LTE:PVST:FRAME:SLOT:POWer:FIRSt

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:SLOT:POWer:FIRSt?

Description: You can query First Slot Power in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:PVST:FRAME:SLOT:POWer:SECond**

Syntax: DSS:LTE:PVST:FRAME:SLOT:POWer:SECond

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:SLOT:POWer:SECond?

Description: You can query Second Slot Power in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:SUBFrame:POWer**

Syntax: DSS:LTE:PVST:FRAME:SUBFrame:POWer

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:SUBFrame:POWer?

Description: You can query Subframe Pwr in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:SUBFrame:POWer:JUDGE**

Syntax: DSS:LTE:PVST:FRAME:SUBFrame:POWer:JUDGE

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:SUBFrame:POWer:JUDGE?

Description: You can query pass or fail of Subframe Pwr in Power vs Time (Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:TIME:OFFSet**

Syntax: DSS:LTE:PVST:FRAME:TIME:OFFSet

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:TIME:OFFSet?

Description: You can query Time Offset in Power vs Time(Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:PVST:FRAME:TIME:OFFSet:JUDGE**

Syntax: DSS:LTE:PVST:FRAME:TIME:OFFSet:JUDGE

Parameter/Response:

Example: DSS:LTE:PVST:FRAME:TIME:OFFSet:JUDGE?

Description: You can query pass or fail for Time Offset in Power vs Time(Frame) measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:AVERage**

Syntax: DSS:LTE:SE:AVERage

Parameter/Response:

Example: DSS:LTE:SE:AVERage?

Description: You can query Average number in Spurious Emissions of LTE in DSS Signal Analyzer

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### **DSS:LTE:SE:JUDGe**

Syntax: DSS:LTE:SE:JUDGe

Parameter/Response:

Example: DSS:LTE:SE:JUDGe?

Description: You can query pass or fail for Spurious Emissions of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:MARKer#:DELTA:FREQuency**

Syntax: DSS:LTE:SE:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: DSS:LTE:SE:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Spurious Emissions measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:MARKer#:DELTA:POWEr**

Syntax: DSS:LTE:SE:MARKer#:DELTA:POWEr

Parameter/Response:

Example: DSS:LTE:SE:MARKer1:DELTA:POWEr?

Description: You can query Delta Marker Power for Spurious Emissions measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:MARKer#:DISPlay:FREQuency**

Syntax: DSS:LTE:SE:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: DSS:LTE:SE:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Spurious Emissions measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:MARKer#:FREQuency**

Syntax: DSS:LTE:SE:MARKer#:FREQuency

Parameter/Response:

Example: DSS:LTE:SE:MARKer1:FREQuency?

Description: You can query Marker Frequency in Spurious Emissions measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:MARKer#:POWEr**

Syntax: DSS:LTE:SE:MARKer#:POWEr

Parameter/Response:

Example: DSS:LTE:SE:MARKer1:POWEr?

Description: You can query Power of Marker# in Spurious Emissions measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SE:PEAK#:FREQUency**

Syntax: DSS:LTE:SE:PEAK#:FREQUency

Parameter/Response:

Example: DSS:LTE:SE:PEAK20:FREQUency?

Description: You can query Peak Frequency in Spurious Emissions measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:PEAK#:JUDGe**

Syntax: DSS:LTE:SE:PEAK#:JUDGe

Parameter/Response:

Example: DSS:LTE:SE:PEAK20:JUDGe?

Description: You can query pass or fail of Peak# in Spurious Emissions measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:PEAK#:POWer**

Syntax: DSS:LTE:SE:PEAK#:POWer

Parameter/Response:

Example: DSS:LTE:SE:PEAK20:POWer?

Description: You can query Peak Power in Spurious Emissions measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:PEAK#:RANGe**

Syntax: DSS:LTE:SE:PEAK#:RANGe

Parameter/Response:

Example: DSS:LTE:SE:PEAK20:RANGe?

Description: You can query Peak Frequency of Range in Spurious Emissions measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SE:TRACe:DATA**

Syntax: DSS:LTE:SE:TRACe:DATA

Parameter/Response:

Example: DSS:LTE:SE:TRACe:DATA?

Description: You can query Trace Data in Spurious Emissions Measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SEARch:FREQUency:RANGe:START**

Syntax: DSS:LTE:SEARch:FREQUency:RANGe:START

Parameter/Response:

Example: DSS:LTE:SEARch:FREQUency:RANGe:START 2111 MHz

Description: You can set LTE start frequency range in DSS Signal Analyzer

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### **DSS:LTE:SEARch:FREQUency:RANGe:STOP**

Syntax: DSS:LTE:SEARch:FREQUency:RANGe:STOP

Parameter/Response:

Example: DSS:LTE:SEARch:FREQUency:RANGe:STOP 2111 MHz

Description: You can set LTE stop frequency range in DSS Signal Analyzer

### **DSS:LTE:SEARch:FREQUency:START**

Syntax: DSS:LTE:SEARch:FREQUency:START

Parameter/Response:

Example: DSS:LTE:SEARch:FREQUency:START 2111 MHz

Description: You can set LTE start frequency in DSS Signal Analyzer

### **DSS:LTE:SEARch:FREQUency:STOP**

Syntax: DSS:LTE:SEARch:FREQUency:STOP

Parameter/Response:

Example: DSS:LTE:SEARch:FREQUency:STOP 2111 MHz

Description: You can set LTE stop frequency in DSS Signal Analyzer

### **DSS:LTE:SEM:AVERage**

Syntax: DSS:LTE:SEM:AVERage

Parameter/Response:

Example: DSS:LTE:SEM:AVERage?

Description: You can query Average number in Spectrum Emmission Mask of LTE in DSS Signal Analyzer

### **DSS:LTE:SEM:JUDGe**

Syntax: DSS:LTE:SEM:JUDGe

Parameter/Response:

Example: DSS:LTE:SEM:JUDGe?

Description: You can query pass or fail for Spectrum Emmission Mask of LTE in DSS Signal Analyzer

### **DSS:LTE:SEM:MARKer#:DELTA:FREQUency**

Syntax: DSS:LTE:SEM:MARKer#:DELTA:FREQUency

Parameter/Response:

Example: DSS:LTE:SEM:MARKer1:DELTA:FREQUency?

Description: You can query Spectrum Emmission Mask Delta marker frequency in LTE in DSS Signal Analyzer

---

#### **DSS:LTE:SEM:MARKer#:DELTA:POWEr**

Syntax: DSS:LTE:SEM:MARKer#:DELTA:POWEr

Parameter/Response:

Example: DSS:LTE:SEM:MARKer1:DELTA:POWEr?

Description: You can query Delta Marker Power in Spectrum Emission Mask measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SEM:MARKer#:DISPlay:FREQuency**

Syntax: DSS:LTE:SEM:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: DSS:LTE:SEM:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Spectrum Emission Mask measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SEM:MARKer#:FREQuency**

Syntax: DSS:LTE:SEM:MARKer#:FREQuency

Parameter/Response:

Example: DSS:LTE:SEM:MARKer1:FREQuency?

Description: You can query Marker Frequency in Spectrum Emission Mask measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SEM:MARKer#:POWEr**

Syntax: DSS:LTE:SEM:MARKer#:POWEr

Parameter/Response:

Example: DSS:LTE:SEM:MARKer1:POWEr?

Description: You can query Power of Marker# in Spectrum Emission Mask measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SEM:PEAK:LOWer#:JUDGe**

Syntax: DSS:LTE:SEM:PEAK:LOWer#:JUDGe

Parameter/Response:

Example: DSS:LTE:SEM:PEAK:LOWer6:JUDGe?

Description: You can query pass or fail for the power of lower peak for Spurious Emission Mask of LTE in DSS Signal Analyzer

#### **DSS:LTE:SEM:PEAK:LOWer#:POWEr**

Syntax: DSS:LTE:SEM:PEAK:LOWer#:POWEr

Parameter/Response:

Example: DSS:LTE:SEM:PEAK:LOWer6:POWEr?

Description: You can query power of lower peak for Spurious Emission Mask of LTE in DSS Signal Analyzer

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### **DSS:LTE:SEM:PEAK:UPPer#:JUDGe**

Syntax: DSS:LTE:SEM:PEAK:UPPer#:JUDGe

Parameter/Response:

Example: DSS:LTE:SEM:PEAK:UPPer6:JUDGe?

Description: You can query pass or fail for the Power of Upper Peak in Spectrum Emission Mask measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SEM:PEAK:UPPer#:POWer**

Syntax: DSS:LTE:SEM:PEAK:UPPer#:POWer

Parameter/Response:

Example: DSS:LTE:SEM:PEAK:UPPer6:POWer?

Description: You can query power of upper peak for Spurious Emission Mask of LTE in DSS Signal Analyzer

### **DSS:LTE:SEM:REFeRence:POWer**

Syntax: DSS:LTE:SEM:REFeRence:POWer

Parameter/Response:

Example: DSS:LTE:SEM:REFeRence:POWer?

Description: You can query Reference Power for Spectrum Emission Mask measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SEM:TRACe:DATA**

Syntax: DSS:LTE:SEM:TRACe:DATA

Parameter/Response:

Example: DSS:LTE:SEM:TRACe:DATA?

Description: You can query Trace Data in Spectrum Emission Mask measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SPECtrum:AVERage**

Syntax: DSS:LTE:SPECtrum:AVERage

Parameter/Response:

Example: DSS:LTE:SPECtrum:AVERage?

Description: You can query Average number in Spectrum measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SPECtrum:MARKer#:DELTA:FREQuency**

Syntax: DSS:LTE:SPECtrum:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: DSS:LTE:SPECtrum:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Spectrum measurement of LTE in DSS Signal Analyzer



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### **DSS:LTE:SPECTrum:MARKer#:DELTA:POWER**

Syntax: DSS:LTE:SPECTrum:MARKer#:DELTA:POWER

Parameter/Response:

Example: DSS:LTE:SPECTrum:MARKer1:DELTA:POWER?

Description: You can query Delta Marker Power in Spectrum measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SPECTrum:MARKer#:DISPlay:FREQuency**

Syntax: DSS:LTE:SPECTrum:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: DSS:LTE:SPECTrum:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Spectrum measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SPECTrum:MARKer#:FREQuency**

Syntax: DSS:LTE:SPECTrum:MARKer#:FREQuency

Parameter/Response:

Example: DSS:LTE:SPECTrum:MARKer1:FREQuency?

Description: You can query Marker Frequency in Spectrum measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SPECTrum:MARKer#:POWER**

Syntax: DSS:LTE:SPECTrum:MARKer#:POWER

Parameter/Response:

Example: DSS:LTE:SPECTrum:MARKer1:POWER?

Description: You can query Power of Marker# in Spectrum measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SPECTrum:TRACe:DATA**

Syntax: DSS:LTE:SPECTrum:TRACe:DATA

Parameter/Response:

Example: DSS:LTE:SPECTrum:TRACe:DATA?

Description: You can query Trace Data in Spectrum Measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:CELL:ID**

Syntax: DSS:LTE:SUBFrame:CELL:ID

Parameter/Response:

Example: DSS:LTE:SUBFrame:CELL:ID?

Description: You can query Cell ID in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:DATA:EVM:PEAK:ACCumulate**

Syntax: DSS:LTE:SUBFrame:DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:DATA:EVM:PEAK:ACCumulate?

Description: You can query Accumulated Data EVM Peak in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:DATA:EVM:PEAK:JUDGE**

Syntax: DSS:LTE:SUBFrame:DATA:EVM:PEAK:JUDGE

Parameter/Response:

Example: DSS:LTE:SUBFrame:DATA:EVM:PEAK:JUDGE?

Description: You can query pass or fail for Data EVM Peak in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:DATA:EVM:PEAK:NORMAL**

Syntax: DSS:LTE:SUBFrame:DATA:EVM:PEAK:NORMAL

Parameter/Response:

Example: DSS:LTE:SUBFrame:DATA:EVM:PEAK:NORMAL?

Description: You can query Data EVM Peak in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:DATA:EVM:PEAK:SYMBOL**

Syntax: DSS:LTE:SUBFrame:DATA:EVM:PEAK:SYMBOL

Parameter/Response:

Example: DSS:LTE:SUBFrame:DATA:EVM:PEAK:SYMBOL?

Description: You can query Symbol of Data EVM Peak in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:DATA:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:SUBFrame:DATA:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:DATA:EVM:RMS:ACCumulate?

Description: You can query Accumulated Data EVM RMS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:DATA:EVM:RMS:JUDGE**

Syntax: DSS:LTE:SUBFrame:DATA:EVM:RMS:JUDGE

Parameter/Response:

Example: DSS:LTE:SUBFrame:DATA:EVM:RMS:JUDGE?

Description: You can query pass or fail for the Data EVM RMS in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:DATA:EVM:RMS:NORMal**

Syntax: DSS:LTE:SUBFrame:DATA:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:DATA:EVM:RMS:NORMal?

Description: You can query LTE Data EVM RMS in Subframe measurement of DSS Signal Analyzer

### **DSS:LTE:SUBFrame:DETect:ANTenna#**

Syntax: DSS:LTE:SUBFrame:DETect:ANTenna#

Parameter/Response:

Example: DSS:LTE:SUBFrame:DETect:ANTenna3?

Description: You can query antennal number in Subframe measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:QAM16**

Syntax: DSS:LTE:SUBFrame:EVM:QAM16

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:QAM16?

Description: You can query QAM16 EVM in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:QAM16:JUDGe**

Syntax: DSS:LTE:SUBFrame:EVM:QAM16:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:QAM16:JUDGe?

Description: You can query pass or fail for QAM16 EVM in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:QAM256**

Syntax: DSS:LTE:SUBFrame:EVM:QAM256

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:QAM256?

Description: You can query QAM256 EVM in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:QAM256:JUDGe**

Syntax: DSS:LTE:SUBFrame:EVM:QAM256:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:QAM256:JUDGe?

Description: You can query pass or fail for QAM256 EVM in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:EVM:QAM64**

Syntax: DSS:LTE:SUBFrame:EVM:QAM64

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:QAM64?

Description: You can query QAM64 EVM in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:QAM64:JUDGE**

Syntax: DSS:LTE:SUBFrame:EVM:QAM64:JUDGE

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:QAM64:JUDGE?

Description: You can query pass or fail for QAM64 EVM in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:PB**

Syntax: DSS:LTE:SUBFrame:EVM:PB

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:PB?

Description: You can query PBCH EVM in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:PCFI**

Syntax: DSS:LTE:SUBFrame:EVM:PCFI

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:PCFI?

Description: You can query PCFICH EVM in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:PDC**

Syntax: DSS:LTE:SUBFrame:EVM:PDC

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:PDC?

Description: You can query PDCCH EVM in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:PHI**

Syntax: DSS:LTE:SUBFrame:EVM:PHI

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:PHI?

Description: You can query PHICH EVM in Subframe measurement of LTE in DSS Signal Analyzer

---

### **DSS:LTE:SUBFrame:EVM:PSS**

Syntax: DSS:LTE:SUBFrame:EVM:PSS

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:PSS?

Description: You can query EVM of PSS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:PSS:JUDGE**

Syntax: DSS:LTE:SUBFrame:EVM:PSS:JUDGE

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:PSS:JUDGE?

Description: You can query pass or fail for EVM of PSS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:QPSK**

Syntax: DSS:LTE:SUBFrame:EVM:QPSK

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:QPSK?

Description: You can query EVM of QPSK in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:QPSK:JUDGE**

Syntax: DSS:LTE:SUBFrame:EVM:QPSK:JUDGE

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:QPSK:JUDGE?

Description: You can query pass or fail for EVM of QPSK in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:RS**

Syntax: DSS:LTE:SUBFrame:EVM:RS

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:RS?

Description: You can query EVM of RS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:RS#**

Syntax: DSS:LTE:SUBFrame:EVM:RS#

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:RS3?

Description: You can query EVM of RS# in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:EVM:RS:JUDGe**

Syntax: DSS:LTE:SUBFrame:EVM:RS:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:RS:JUDGe?

Description: You can query pass or fail for EVM of RS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:SSS**

Syntax: DSS:LTE:SUBFrame:EVM:SSS

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:SSS?

Description: You can query EVM of SSS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:SSS:JUDGe**

Syntax: DSS:LTE:SUBFrame:EVM:SSS:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:SSS:JUDGe?

Description: You can query pass or fail for EVM of SSS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:EVM:UNALlocated**

Syntax: DSS:LTE:SUBFrame:EVM:UNALlocated

Parameter/Response:

Example: DSS:LTE:SUBFrame:EVM:UNALlocated?

Description: You can query EVM of Unallocated in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:FREQuency:ERRor:HZ**

Syntax: DSS:LTE:SUBFrame:FREQuency:ERRor:HZ

Parameter/Response:

Example: DSS:LTE:SUBFrame:FREQuency:ERRor:HZ?

Description: You can query Frequency Error in Hz in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:FREQuency:ERRor:JUDGe**

Syntax: DSS:LTE:SUBFrame:FREQuency:ERRor:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:FREQuency:ERRor:JUDGe?

Description: You can query pass or fail for frequency error in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:FREQuency:ERRor:PPM**

Syntax: DSS:LTE:SUBFrame:FREQuency:ERRor:PPM

Parameter/Response:

Example: DSS:LTE:SUBFrame:FREQuency:ERRor:PPM?

Description: You can query Frequency Error in ppm in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:JUDGe**

Syntax: DSS:LTE:SUBFrame:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:JUDGe?

Description: You can query pass or fail for Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MEASured:CFI**

Syntax: DSS:LTE:SUBFrame:MEASured:CFI

Parameter/Response:

Example: DSS:LTE:SUBFrame:MEASured:CFI?

Description: You can query Measured CFI in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:QAM16**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:QAM16

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:QAM16?

Description: You can query Modulation Type of QAM16 in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:QAM256**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:QAM256

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:QAM256?

Description: You can query Modulation Type of QAM256 in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:QAM64**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:QAM64

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:QAM64?

Description: You can query Modulation Type of QAM64 in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:MODulation:TYPE:PB**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:PB

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:PB?

Description: You can query Modulation Type of PBCH in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:PCFI**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:PCFI

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:PCFI?

Description: You can query Modulation Type of PCFICH in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:PDC**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:PDC

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:PDC?

Description: You can query Modulation Type of PDCCH in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:PHI**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:PHI

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:PHI?

Description: You can query Modulation Type of PHICH in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:PSS**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:PSS

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:PSS?

Description: You can query Modulation Type of PSS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:QPSK**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:QPSK

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:QPSK?

Description: You can query Modulation Type of QPSK in Subframe measurement of LTE in DSS Signal Analyzer



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### **DSS:LTE:SUBFrame:MODulation:TYPE:RS**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:RS

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:RS?

Description: You can query Modulation Type of RS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:RS#**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:RS#

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:RS3?

Description: You can query Modulation Type of RS# in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:SSS**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:SSS

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:SSS?

Description: You can query Modulation Type of SSS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:MODulation:TYPE:UNALlocated**

Syntax: DSS:LTE:SUBFrame:MODulation:TYPE:UNALlocated

Parameter/Response:

Example: DSS:LTE:SUBFrame:MODulation:TYPE:UNALlocated?

Description: You can query Modulation Type of UNALlocated in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:OFDM:SYMBOL:POWER**

Syntax: DSS:LTE:SUBFrame:OFDM:SYMBOL:POWER

Parameter/Response:

Example: DSS:LTE:SUBFrame:OFDM:SYMBOL:POWER?

Description: You can query OFDM Symbol Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:OPERation:ANTenna#**

Syntax: DSS:LTE:SUBFrame:OPERation:ANTenna#

Parameter/Response:

Example: DSS:LTE:SUBFrame:OPERation:ANTenna3?

Description: You can query if Antenna# is being operated in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:POWer**

Syntax: DSS:LTE:SUBFrame:POWer

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer?

Description: You can query power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:QAM16**

Syntax: DSS:LTE:SUBFrame:POWer:QAM16

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:QAM16?

Description: You can query Power of QAM16 in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:QAM256**

Syntax: DSS:LTE:SUBFrame:POWer:QAM256

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:QAM256?

Description: You can query Power of QAM256 in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:QAM64**

Syntax: DSS:LTE:SUBFrame:POWer:QAM64

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:QAM64?

Description: You can query Power of QAM64 in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:JUDGe**

Syntax: DSS:LTE:SUBFrame:POWer:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:JUDGe?

Description: You can query pass or fail for Channel Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:OFDM:SYMBol:JUDGe**

Syntax: DSS:LTE:SUBFrame:POWer:OFDM:SYMBol:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:OFDM:SYMBol:JUDGe?

Description: You can query pass or fail for OFDM Symbol Power for Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:POWer:PB**

Syntax: DSS:LTE:SUBFrame:POWer:PB

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:PB?

Description: You can query Channel Power of PBCH in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:PB:JUDGe**

Syntax: DSS:LTE:SUBFrame:POWer:PB:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:PB:JUDGe?

Description: You can query pass or fail for Channel Power of PBCH in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:PCFI**

Syntax: DSS:LTE:SUBFrame:POWer:PCFI

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:PCFI?

Description: You can query PCFICH Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:PDC**

Syntax: DSS:LTE:SUBFrame:POWer:PDC

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:PDC?

Description: You can query PDCCH Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:PHI**

Syntax: DSS:LTE:SUBFrame:POWer:PHI

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:PHI?

Description: You can query PHICH Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:PSS**

Syntax: DSS:LTE:SUBFrame:POWer:PSS

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:PSS?

Description: You can query PSS Power in Subframe measurement of LTE in DSS Signal Analyzer

---

### **DSS:LTE:SUBFrame:POWer:PSS:JUDGe**

Syntax: DSS:LTE:SUBFrame:POWer:PSS:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:PSS:JUDGe?

Description: You can query pass or fail for PSS Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:QPSK**

Syntax: DSS:LTE:SUBFrame:POWer:QPSK

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:QPSK?

Description: You can query QPSK Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:RS**

Syntax: DSS:LTE:SUBFrame:POWer:RS

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:RS?

Description: You can query RS Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:RS#**

Syntax: DSS:LTE:SUBFrame:POWer:RS#

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:RS3?

Description: You can query RS# Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:RS:JUDGe**

Syntax: DSS:LTE:SUBFrame:POWer:RS:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:RS:JUDGe?

Description: You can query pass or fail for RS Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:SSS**

Syntax: DSS:LTE:SUBFrame:POWer:SSS

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:SSS?

Description: You can query SSS Power in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:POWer:SSS:JUDGe**

Syntax: DSS:LTE:SUBFrame:POWer:SSS:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:SSS:JUDGe?

Description: You can query pass or fail for SSS Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:POWer:UNALlocated**

Syntax: DSS:LTE:SUBFrame:POWer:UNALlocated

Parameter/Response:

Example: DSS:LTE:SUBFrame:POWer:UNALlocated?

Description: You can query UNALlocated Power in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:REGard:RB:QAM16**

Syntax: DSS:LTE:SUBFrame:REGard:RB:QAM16

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:QAM16?

Description: You can query REG/RBs of QAM16 in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:REGard:RB:QAM256**

Syntax: DSS:LTE:SUBFrame:REGard:RB:QAM256

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:QAM256?

Description: You can query REG/RBs of QAM256 in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:REGard:RB:QAM64**

Syntax: DSS:LTE:SUBFrame:REGard:RB:QAM64

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:QAM64?

Description: You can query REG/RBs of QAM64 in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:REGard:RB:PB**

Syntax: DSS:LTE:SUBFrame:REGard:RB:PB

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:PB?

Description: You can query REG/RBs of PBCH in Subframe measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:SUBFrame:REGard:RB:PCFI**

Syntax: DSS:LTE:SUBFrame:REGard:RB:PCFI

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:PCFI?

Description: You can query REG/RBs of PCFICH in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:REGard:RB:PDC**

Syntax: DSS:LTE:SUBFrame:REGard:RB:PDC

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:PDC?

Description: You can query REG/RBs of PDCCH in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:REGard:RB:PHI**

Syntax: DSS:LTE:SUBFrame:REGard:RB:PHI

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:PHI?

Description: You can query REG/RBs of PHICH in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:REGard:RB:PSS**

Syntax: DSS:LTE:SUBFrame:REGard:RB:PSS

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:PSS?

Description: You can query REG/RBs of PSS in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:REGard:RB:QPSK**

Syntax: DSS:LTE:SUBFrame:REGard:RB:QPSK

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:QPSK?

Description: You can query REG/RBs of QPSK in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:REGard:RB:RS**

Syntax: DSS:LTE:SUBFrame:REGard:RB:RS

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:RS?

Description: You can query REG/RBs of RS in Subframe measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:SUBFrame:REGard:RB:RS#**

Syntax: DSS:LTE:SUBFrame:REGard:RB:RS#

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:RS3?

Description: You can query REG/RBs of RS# in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:REGard:RB:SSS**

Syntax: DSS:LTE:SUBFrame:REGard:RB:SSS

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:SSS?

Description: You can query REG/RBs of SSS in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:REGard:RB:UNALlocated**

Syntax: DSS:LTE:SUBFrame:REGard:RB:UNALlocated

Parameter/Response:

Example: DSS:LTE:SUBFrame:REGard:RB:UNALlocated?

Description: You can query REG/RBs of UNALlocated in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS0:EVM:PEAK:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS0:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS0:EVM:PEAK:ACCumulate?

Description: You can query Accumulated EVM RS0 Peak in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS0:EVM:PEAK:NORMal**

Syntax: DSS:LTE:SUBFrame:RS0:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS0:EVM:PEAK:NORMal?

Description: You can query EVM RS0 Peak in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS0:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS0:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS0:EVM:RMS:ACCumulate?

Description: You can query Accumulated EVM RS0 in Subframe measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:SUBFrame:RS0:EVM:RMS:NORMal**

Syntax: DSS:LTE:SUBFrame:RS0:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS0:EVM:RMS:NORMal?

Description: You can query EVM RS0 in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS1:EVM:PEAK:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS1:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS1:EVM:PEAK:ACCumulate?

Description: You can query Accumulated EVM RS1Peak in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS1:EVM:PEAK:NORMal**

Syntax: DSS:LTE:SUBFrame:RS1:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS1:EVM:PEAK:NORMal?

Description: You can query EVM RS1 Peak in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS1:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS1:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS1:EVM:RMS:ACCumulate?

Description: You can query Accumulated RMS EVM RS1 in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS1:EVM:RMS:NORMal**

Syntax: DSS:LTE:SUBFrame:RS1:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS1:EVM:RMS:NORMal?

Description: You can query RMS EVM RS1 in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS2:EVM:PEAK:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS2:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS2:EVM:PEAK:ACCumulate?

Description: You can query Accumulated RMS EVM RS2 Peak in Subframe measurement of LTE in DSS Signal Analyzer



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#### **DSS:LTE:SUBFrame:RS2:EVM:PEAK:NORMal**

Syntax: DSS:LTE:SUBFrame:RS2:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS2:EVM:PEAK:NORMal?

Description: You can query EVM RS2 Peak in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS2:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS2:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS2:EVM:RMS:ACCumulate?

Description: You can query Accumulated RMS EVM RS2 in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS2:EVM:RMS:NORMal**

Syntax: DSS:LTE:SUBFrame:RS2:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS2:EVM:RMS:NORMal?

Description: You can query RMS RS2 EVM in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS3:EVM:PEAK:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS3:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS3:EVM:PEAK:ACCumulate?

Description: You can query Accumulated RS3 EVM Peak in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS3:EVM:PEAK:NORMal**

Syntax: DSS:LTE:SUBFrame:RS3:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS3:EVM:PEAK:NORMal?

Description: You can query RS3 EVM Peak in Subframe measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:SUBFrame:RS3:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS3:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS3:EVM:RMS:ACCumulate?

Description: You can query Accumulated RMS RS3 EVM in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:RS3:EVM:RMS:NORMal**

Syntax: DSS:LTE:SUBFrame:RS3:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS3:EVM:RMS:NORMal?

Description: You can query RMS RS3 EVM in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:RS:EVM:PEAK:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS:EVM:PEAK:ACCumulate?

Description: You can query Accumulated EVM RS Peak in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:RS:EVM:PEAK:NORMal**

Syntax: DSS:LTE:SUBFrame:RS:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS:EVM:PEAK:NORMal?

Description: You can query EVM RS Peak in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:RS:EVM:PEAK:SYMBol**

Syntax: DSS:LTE:SUBFrame:RS:EVM:PEAK:SYMBol

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS:EVM:PEAK:SYMBol?

Description: You can query Symbol of EVM RS Peak in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:RS:EVM:RMS:ACCumulate**

Syntax: DSS:LTE:SUBFrame:RS:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS:EVM:RMS:ACCumulate?

Description: You can query Accumulated EVM RS RMS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:RS:EVM:RMS:JUDGE**

Syntax: DSS:LTE:SUBFrame:RS:EVM:RMS:JUDGE

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS:EVM:RMS:JUDGE?

Description: You can query pass or fail for the EVM RS RMS in Subframe measurement of LTE in DSS Signal Analyzer

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### **DSS:LTE:SUBFrame:RS:EVM:RMS:NORMal**

Syntax: DSS:LTE:SUBFrame:RS:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:LTE:SUBFrame:RS:EVM:RMS:NORMal?

Description: You can query the EVM RS RMS in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:TIME:ERRor**

Syntax: DSS:LTE:SUBFrame:TIME:ERRor

Parameter/Response:

Example: DSS:LTE:SUBFrame:TIME:ERRor?

Description: You can query the Time Error in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:SUBFrame:TIME:ERRor:JUDGe**

Syntax: DSS:LTE:SUBFrame:TIME:ERRor:JUDGe

Parameter/Response:

Example: DSS:LTE:SUBFrame:TIME:ERRor:JUDGe?

Description: You can query pass or fail for the Time Error in Subframe measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:ACCumulate**

Syntax: DSS:LTE:TAE:ACCumulate

Parameter/Response:

Example: DSS:LTE:TAE:ACCumulate?

Description: You can query Accumulated Time Alignment Error of LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:BETWeen:ANTenna**

Syntax: DSS:LTE:TAE:BETWeen:ANTenna

Parameter/Response:

Example: DSS:LTE:TAE:BETWeen:ANTenna?

Description: You can query Antenna Number of Time Alignment Error Difference of LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:CELL:ID**

Syntax: DSS:LTE:TAE:CELL:ID

Parameter/Response:

Example: DSS:LTE:TAE:CELL:ID?

Description: You can query Cell ID in Time Alignment Error measurement of LTE in DSS Signal Analyzer

---

### **DSS:LTE:TAE:DETECT:ANTenna#**

Syntax: DSS:LTE:TAE:DETECT:ANTenna#

Parameter/Response:

Example: DSS:LTE:TAE:DETECT:ANTenna3?

Description: You can query and detect antennal number in Time Alignment Error measurement for LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:AVAILABLE:ANTenna#**

Syntax: DSS:LTE:TAE:AVAILABLE:ANTenna#

Parameter/Response:

Example: DSS:LTE:TAE:AVAILABLE:ANTenna0?

Description: You can query Available Antenna# from 0 to 3 in Time Alignment Error for LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:RS:POWER:ANTenna#:JUDGE**

Syntax: DSS:LTE:TAE:RS:POWER:ANTenna#:JUDGE

Parameter/Response:

Example: DSS:LTE:TAE:RS:POWER:ANTenna0:JUDGE?

Description: You can query Antenna# from 0 to 3 for RS Power in Time Alignment Error for LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:RS:EVM:ANTenna#:JUDGE**

Syntax: DSS:LTE:TAE:RS:EVM:ANTenna0:JUDGE

Parameter/Response:

Example: DSS:LTE:TAE:RS:EVM:ANTenna0:JUDGE?

Description:

### **DSS:LTE:TAE:HISTORY:DATA**

Syntax: DSS:LTE:TAE:HISTORY:DATA

Parameter/Response:

Example: DSS:LTE:TAE:HISTORY:DATA?

Description: You can query History Data in Time Alignment Error measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:HISTORY:LENGTH**

Syntax: DSS:LTE:TAE:HISTORY:LENGTH

Parameter/Response:

Example: DSS:LTE:TAE:HISTORY:LENGTH?

Description: You can query History length in Time Alignment Error measurement of LTE in DSS Signal Analyzer

---

### **DSS:LTE:TAE:JUDGe**

Syntax: DSS:LTE:TAE:JUDGe

Parameter/Response:

Example: DSS:LTE:TAE:JUDGe?

Description: You can query pass or fail for Time Alignment Error measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:MEASured:CFI**

Syntax: DSS:LTE:TAE:MEASured:CFI

Parameter/Response:

Example: DSS:LTE:TAE:MEASured:CFI?

Description: You can query Measured CFI in Time Alignment Error measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:NORMal**

Syntax: DSS:LTE:TAE:NORMal

Parameter/Response:

Example: DSS:LTE:TAE:NORMal?

Description: You can query Time Alignment Error of LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:OPERation:ANTenna#**

Syntax: DSS:LTE:TAE:OPERation:ANTenna#

Parameter/Response:

Example: DSS:LTE:TAE:OPERation:ANTenna3?

Description: You can query if Antenna# is being operated in Time Alignment Error measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:POWER:RS:DIFFerence**

Syntax: DSS:LTE:TAE:POWER:RS:DIFFerence

Parameter/Response:

Example: DSS:LTE:TAE:POWER:RS:DIFFerence?

Description: You can query RS Power Difference in Time Alignment Error measurement of LTE in DSS Signal Analyzer

### **DSS:LTE:TAE:POWER:RS:ANTenna#**

Syntax: DSS:LTE:TAE:POWER:RS:ANTenna#

Parameter/Response:

Example: DSS:LTE:TAE:POWER:RS:ANTenna0?

Description: You can query antenna number from 0 to 3 for RS Power in Time Alignment Error measurement of LTE in DSS Signal Analyzer

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#### **DSS:LTE:TAE:EVM:RS:ANTenna#**

Syntax: DSS:LTE:TAE:EVM:RS:ANTenna#

Parameter/Response:

Example: DSS:LTE:TAE:EVM:RS:ANTenna0?

Description: You can query antenna number from 0 to 3 for RS EVM in Time Alignment Error measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:TAE:TIME:DIFFerence:ANTenna#**

Syntax: DSS:LTE:TAE:TIME:DIFFerence:ANTenna0

Parameter/Response:

Example: DSS:LTE:TAE:TIME:DIFFerence:ANTenna0?

Description: You can query antenna number from 0 to 3 for Time Difference in Time Alignment Error measurement of LTE in DSS Signal Analyzer

#### **DSS:LTE:TNF:CELL:ID**

Syntax: DSS:LTE:TNF:CELL:ID

Parameter/Response:

Example: DSS:LTE:TNF:CELL:ID?

Description:

#### **DSS:MAP:INDEX:PSS:POWER:EXCellent**

Syntax: DSS:MAP:INDEX:PSS:POWER:EXCellent

Parameter/Response:

Example: DSS:MAP:INDEX:PSS:POWER:EXCellent -25

Description: You can set Excellent Index for PSS Channel Power of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:PSS:POWER:FAIR**

Syntax: DSS:MAP:INDEX:PSS:POWER:FAIR

Parameter/Response:

Example: DSS:MAP:INDEX:PSS:POWER:FAIR -25

Description: You can set Fair Index for PSS Channel Power of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:PSS:POWER:GOOD**

Syntax: DSS:MAP:INDEX:PSS:POWER:GOOD

Parameter/Response:

Example: DSS:MAP:INDEX:PSS:POWER:GOOD -25

Description: You can set Good Index for PSS Channel Power of LTE in DSS Signal Analyzer

---

#### **DSS:MAP:INDEX:PSS:POWER:POOR**

Syntax: DSS:MAP:INDEX:PSS:POWER:POOR

Parameter/Response:

Example: DSS:MAP:INDEX:PSS:POWER:POOR -25

Description: You can set Poor Index for PSS Channel Power of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:PSS:POWER:VERY**

Syntax: DSS:MAP:INDEX:PSS:POWER:VERY

Parameter/Response:

Example: DSS:MAP:INDEX:PSS:POWER:VERY -25

Description: You can set Very Index for PSS Channel Power of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RS:SINR:FAIR**

Syntax: DSS:MAP:INDEX:RS:SINR:FAIR

Parameter/Response:

Example: DSS:MAP:INDEX:RS:SINR:FAIR -25

Description: You can set Fair Index for RS-SINR of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RS:SINR:GOOD**

Syntax: DSS:MAP:INDEX:RS:SINR:GOOD

Parameter/Response:

Example: DSS:MAP:INDEX:RS:SINR:GOOD -25

Description: You can set Good Index for RS-SINR of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RS:SINR:POOR**

Syntax: DSS:MAP:INDEX:RS:SINR:POOR

Parameter/Response:

Example: DSS:MAP:INDEX:RS:SINR:POOR -25

Description: You can set Poor Index for RS-SINR of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RSRP:EXcellent**

Syntax: DSS:MAP:INDEX:RSRP:EXcellent

Parameter/Response:

Example: DSS:MAP:INDEX:RSRP:EXcellent -25

Description: You can set Excellent Index for RSRP of LTE in DSS Signal Analyzer

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#### **DSS:MAP:INDEX:RSRP:FAIR**

Syntax: DSS:MAP:INDEX:RSRP:FAIR

Parameter/Response:

Example: DSS:MAP:INDEX:RSRP:FAIR -25

Description: You can set Fair Index for RSRP of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RSRP:GOOD**

Syntax: DSS:MAP:INDEX:RSRP:GOOD

Parameter/Response:

Example: DSS:MAP:INDEX:RSRP:GOOD -25

Description: You can set Good Index for RSRP of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RSRP:POOR**

Syntax: DSS:MAP:INDEX:RSRP:POOR

Parameter/Response:

Example: DSS:MAP:INDEX:RSRP:POOR -25

Description: You can set Poor Index for RSRP of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RSRP:VERY**

Syntax: DSS:MAP:INDEX:RSRP:VERY

Parameter/Response:

Example: DSS:MAP:INDEX:RSRP:VERY -25

Description: You can set Very Index for RSRP of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RSRQ:FAIR**

Syntax: DSS:MAP:INDEX:RSRQ:FAIR

Parameter/Response:

Example: DSS:MAP:INDEX:RSRQ:FAIR -25

Description: You can set Fair Index for RSRQ of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RSRQ:GOOD**

Syntax: DSS:MAP:INDEX:RSRQ:GOOD

Parameter/Response:

Example: DSS:MAP:INDEX:RSRQ:GOOD -25

Description: You can set Good Index for RSRQ of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDEX:RSRQ:POOR**

Syntax: DSS:MAP:INDEX:RSRQ:POOR

Parameter/Response:

Example: DSS:MAP:INDEX:RSRQ:POOR -25

Description: You can set Poor Index for RSRQ of LTE in DSS Signal Analyzer



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#### **DSS:MAP:INDeX:SSS:ECIO:FAIR**

Syntax: DSS:MAP:INDeX:SSS:ECIO:FAIR

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:ECIO:FAIR -25

Description: You can set Fair Index for SSS Ec/Io of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDeX:SSS:ECIO:GOOD**

Syntax: DSS:MAP:INDeX:SSS:ECIO:GOOD

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:ECIO:GOOD -25

Description: You can set Good Index for SSS Ec/Io of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDeX:SSS:ECIO:POOR**

Syntax: DSS:MAP:INDeX:SSS:ECIO:POOR

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:ECIO:POOR -25

Description: You can set Poor Index for SSS Ec/Io of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDeX:SSS:POWer:EXCellent**

Syntax: DSS:MAP:INDeX:SSS:POWer:EXCellent

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:POWer:EXCellent -25

Description: You can set Excellent Index for SSS Channel Power of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDeX:SSS:POWer:FAIR**

Syntax: DSS:MAP:INDeX:SSS:POWer:FAIR

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:POWer:FAIR -25

Description: You can set Fair Index for SSS Channel Power of LTE in DSS Signal Analyzer

#### **DSS:MAP:INDeX:SSS:POWer:GOOD**

Syntax: DSS:MAP:INDeX:SSS:POWer:GOOD

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:POWer:GOOD -25

Description: You can set Good Index for SSS Channel Power of LTE in DSS Signal Analyzer

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### **DSS:MAP:INDeX:SSS:POWeR:POOR**

Syntax: DSS:MAP:INDeX:SSS:POWeR:POOR

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:POWeR:POOR -25

Description: You can set Poor Index for SSS Channel Power of LTE in DSS Signal Analyzer

### **DSS:MAP:INDeX:SSS:POWeR:VERY**

Syntax: DSS:MAP:INDeX:SSS:POWeR:VERY

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:POWeR:VERY -25

Description: You can set Very Index for SSS Channel Power of LTE in DSS Signal Analyzer

### **DSS:MAP:INDeX:SSS:RSSI:EXCellent**

Syntax: DSS:MAP:INDeX:SSS:RSSI:EXCellent

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:RSSI:EXCellent -25

Description: You can set Excellent Index for SSS RSSI of LTE in DSS Signal Analyzer

### **DSS:MAP:INDeX:SSS:RSSI:FAIR**

Syntax: DSS:MAP:INDeX:SSS:RSSI:FAIR

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:RSSI:FAIR -25

Description: You can set Fair Index for SSS RSSI of LTE in DSS Signal Analyzer

### **DSS:MAP:INDeX:SSS:RSSI:GOOD**

Syntax: DSS:MAP:INDeX:SSS:RSSI:GOOD

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:RSSI:GOOD -25

Description: You can set Good Index for SSS RSSI of LTE in DSS Signal Analyzer

### **DSS:MAP:INDeX:SSS:RSSI:POOR**

Syntax: DSS:MAP:INDeX:SSS:RSSI:POOR

Parameter/Response:

Example: DSS:MAP:INDeX:SSS:RSSI:POOR -25

Description: You can set Poor Index for SSS RSSI of LTE in DSS Signal Analyzer

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### **DSS:MAP:INDEX:SSS:RSSI:VERY**

Syntax: DSS:MAP:INDEX:SSS:RSSI:VERY

Parameter/Response:

Example: DSS:MAP:INDEX:SSS:RSSI:VERY -25

Description: You can set Very Index for SSS RSSI of LTE in DSS Signal Analyzer

### **DSS:MAP:PLOT:MODE**

Syntax: DSS:MAP:PLOT:MODE

Parameter/Response: [Start | Stop | Pause]

Example: DSS:MAP:PLOT:MODE Start

Description: You can set Start, Stop or Pause for the Plot mode in Route Map measurement of LTE in DSS Signal Analyzer

### **DSS:MAP:PLOT:TYPE**

Syntax: DSS:MAP:PLOT:TYPE

Parameter/Response: [Position | GNSS | Time]

Example: DSS:MAP:PLOT:TYPE Position

Description: You can select GNSS or Position for the Plot point in Route Map measurement of LTE in DSS Signal Analyzer

### **DSS:MAP:SCREEN:TYPE**

Syntax: DSS:MAP:SCREEN:TYPE

Parameter/Response: [Map | Full]

Example: DSS:MAP:SCREEN:TYPE Full

Description: You can set Map or Full for the Screen Mode in Route Map measurement of LTE in DSS Signal Analyzer

### **DSS:MARKER#:ALWAYS:PEAK**

Syntax: DSS:MARKER#:ALWAYS:PEAK

Parameter/Response:

Example: DSS:MARKER01:ALWAYS:PEAK 1000 MHz

Description: You can set always Peak to Marker# of LTE in DSS Signal Analyzer

### **DSS:MARKER#:FREQUENCY**

Syntax: DSS:MARKER#:FREQUENCY

Parameter/Response:

Example: DSS:MARKER01:FREQUENCY 1000 MHz

Description: You can query Marker Frequency of LTE in DSS Signal Analyzer

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### **DSS:MARKer#:FREQuency:DELTA**

Syntax: DSS:MARKer#:FREQuency:DELTA

Parameter/Response:

Example: DSS:MARKer01:FREQuency:DELTA 1000 MHz

Description: You can set Delta Marker Frequency of LTE in DSS Signal Analyzer

### **DSS:MARKer#:FREQuency:DELTA:RELative**

Syntax: DSS:MARKer#:FREQuency:DELTA:RELative

Parameter/Response:

Example: DSS:MARKer01:FREQuency:DELTA:RELative 1000 MHz

Description: You can set Delta Marker Relative Frequency of LTE in DSS Signal Analyzer

### **DSS:MARKer#:TYPE**

Syntax: DSS:MARKer#:TYPE

Parameter/Response:

Example: DSS:MARKer01:TYPE Delta

Description: You can set marker type options from Normal, Delta, and Delta Pair in DSS Signal Analyzer

### **DSS:MARKer#:VIEW**

Syntax: DSS:MARKer#:VIEW

Parameter/Response:

Example: DSS:MARKer01:VIEW Off

Description: You can set On / Off or query marker view in DSS Signal Analyzer

### **DSS:MARKer:CHANnel:CONTRol:SElect**

Syntax: DSS:MARKer:CHANnel:CONTRol:SElect

Parameter/Response: [PSS | SSS | PBCH | PCFICH | PHICH | PDCCH | MBSFNRS | RS | RS0 | RS1 | RS2 | RS3]

Example: DSS:MARKer:CHANnel:CONTRol:SElect PSS

Description: You can select one of the Control Channel for Constellation in Control Channel measurement of LTE in DSS Signal Analyzer

### **DSS:MARKer:CHANnel:CONTRol:VIEW**

Syntax: DSS:MARKer:CHANnel:CONTRol:VIEW

Parameter/Response: [Off | On]

Example: DSS:MARKer:CHANnel:CONTRol:VIEW On

Description: You can set On or Off the Marker in Control Channel measurement of LTE in DSS Signal Analyzer

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### **DSS:MARKer:CHANnel:DATA:RB:NUMBer**

Syntax: DSS:MARKer:CHANnel:DATA:RB:NUMBer

Parameter/Response:

Example: DSS:MARKer:CHANnel:DATA:RB:NUMBer 3

Description: You can set Marker for RB number of Data Channel measurement in DSS Signal Analyzer

### **DSS:MARKer:CHANnel:DATA:VIEW**

Syntax: DSS:MARKer:CHANnel:DATA:VIEW

Parameter/Response: [Off | On]

Example: DSS:MARKer:CHANnel:DATA:VIEW On

Description: You can set On or Off the Marker View in Data Channel measurement of DSS Signal Analyzer

### **DSS:MARKer:MOVE:CENTer**

Syntax: DSS:MARKer:MOVE:CENTer

Parameter/Response:

Example: DSS:MARKer:MOVE:CENTer

Description: You can set marker to move to center in DSS Signal Analyzer

### **DSS:MARKer:MOVE:START**

Syntax: DSS:MARKer:MOVE:START

Parameter/Response:

Example: DSS:MARKer:MOVE:START

Description: You can set Start Frequency to Marker position in DSS Signal Analyzer

### **DSS:MARKer:MOVE:STOP**

Syntax: DSS:MARKer:MOVE:STOP

Parameter/Response:

Example: DSS:MARKer:MOVE:STOP

Description: You can set Stop Frequency to Marker position in DSS Signal Analyzer

### **DSS:MARKer:OFF:ALL**

Syntax: DSS:MARKer:OFF:ALL

Parameter/Response:

Example: DSS:MARKer:OFF:ALL

Description: You can set Marker All Off in DSS Signal Analyzer

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### **DSS:MARKer:SEARch:LEFT**

Syntax: DSS:MARKer:SEARch:LEFT

Parameter/Response:

Example: DSS:MARKer:SEARch:LEFT

Description: You can set marker to Next Peak Left in DSS Signal Analyzer

### **DSS:MARKer:SEARch:MIN**

Syntax: DSS:MARKer:SEARch:MIN

Parameter/Response:

Example: DSS:MARKer:SEARch:MIN

Description: You can set marker to Min Search in DSS Signal Analyzer

### **DSS:MARKer:SEARch:NEXT**

Syntax: DSS:MARKer:SEARch:NEXT

Parameter/Response:

Example: DSS:MARKer:SEARch:NEXT

Description: You can set marker to Next Peak in DSS Signal Analyzer

### **DSS:MARKer:SEARch:PEAK**

Syntax: DSS:MARKer:SEARch:PEAK

Parameter/Response:

Example: DSS:MARKer:SEARch:PEAK

Description: You can set marker to Peak Search in DSS Signal Analyzer

### **DSS:MARKer:SEARch:RIGHT**

Syntax: DSS:MARKer:SEARch:RIGHT

Parameter/Response:

Example: DSS:MARKer:SEARch:RIGHT

Description: You can set marker to Next Peak Right in DSS Signal Analyzer

### **DSS:MARKer:SElect**

Syntax: DSS:MARKer:SElect

Parameter/Response: [Marker01 | Marker02 | Marker03 | Marker04 | Marker05 | Marker06]

Example: DSS:MARKer:SElect Marker01

Description: You can select marker from 1 to 6 in DSS Signal Analyzer

### **DSS:MARKer:SYMBol:SElect**

Syntax: DSS:MARKer:SYMBol:SElect

Parameter/Response:

Example: DSS:MARKer:SYMBol:SElect 12

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Description: You can select Symbol No. in DSS Signal Analyzer

#### **DSS:MASK:TYPE**

Syntax: DSS:MASK:TYPE

Parameter/Response: [WideAreaBSCategoryA | WideAreaBSCategoryB | LocalAreaBS | HomeBS]

Example: DSS:MASK:TYPE WideAreaBSCategoryA

Description: You can set Mask Type in DSS Signal Analyzer

#### **DSS:MEASure:RESet**

Syntax: DSS:MEASure:RESet

Parameter/Response:

Example: DSS:MEASure:RESet

Description: You can reset measure in DSS Signal Analyzer

#### **DSS:MIMO:MODE**

Syntax: DSS:MIMO:MODE

Parameter/Response: [2x2 | 4x4]

Example: DSS:MIMO:MODE 4x4

Description: You can set 2x2 or 4x4 for MIMO in DSS Signal Analyzer

#### **DSS:MULTiple:METHod**

Syntax: DSS:MULTiple:METHod

Parameter/Response:

Example: DSS:MULTiple:METHod 99

Description: You can set Multiple Method in DSS Signal Analyzer

#### **DSS:NR:BAND:WIDTH**

Syntax: DSS:NR:BAND:WIDTH

Parameter/Response:

Example: DSS:NR:BAND:WIDTH 5 MHz

Description: You can set the bandwidth for NR in DSS Signal Analyzer

#### **DSS:NR:CARRier:SCANner:CHANnel#:BAND**

Syntax: DSS:NR:CARRier:SCANner:CHANnel#:BAND

Parameter/Response:

Example: DSS:NR:CARRier:SCANner:CHANnel06:BAND?

Description: : You can query bandwidth of NR in Carrier Auto Search mode in DSS Signal Analyzer

#### **DSS:NR:CARRier:SCANner:CHANnel#:FREQuency**

Syntax: DSS:NR:CARRier:SCANner:CHANnel#:FREQuency

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Parameter/Response:

Example: `DSS:NR:CARRier:SCANner:CHANnel06:FREQuency?`

Description: You can query frequency of NR in Carrier Auto Search mode in DSS Signal Analyzer

#### **DSS:NR:CARRier:SCANner:CHANnel#:POWer**

Syntax: `DSS:NR:CARRier:SCANner:CHANnel#:POWer`

Parameter/Response:

Example: `DSS:NR:CARRier:SCANner:CHANnel06:POWer?`

Description: You can query power of NR in Carrier Auto Search mode in DSS Signal Analyzer

#### **DSS:NR:CARRier:SCANner:CHANnel:DATA**

Syntax: `DSS:NR:CARRier:SCANner:CHANnel:DATA`

Parameter/Response:

Example: `DSS:NR:CARRier:SCANner:CHANnel:DATA?`

Description: N/A

#### **DSS:NR:CARRier:SCANner:CHANnel:NUMBer:CURRent**

Syntax: `DSS:NR:CARRier:SCANner:CHANnel:NUMBer:CURRent`

Parameter/Response:

Example: `DSS:NR:CARRier:SCANner:CHANnel:NUMBer:CURRent?`

Description: You can query current carrier of NR in DSS Signal Analyzer

#### **DSS:NR:CARRier:SCANner:CHANnel:NUMBer:TOTal**

Syntax: `DSS:NR:CARRier:SCANner:CHANnel:NUMBer:TOTal`

Parameter/Response:

Example: `DSS:NR:CARRier:SCANner:CHANnel:NUMBer:TOTal?`

Description: You can query a total number of carrier of NR in DSS Signal Analyzer

#### **DSS:NR:CARRier:SCANner:STATus**

Syntax: `DSS:NR:CARRier:SCANner:STATus`

Parameter/Response:

Example: `DSS:NR:CARRier:SCANner:STATus?`

Description: You can query NR Carrier Scanner status in DSS Signal Analyzer

#### **DSS:NR:CHANnel:CONTrol:CELL:ID**

Syntax: `DSS:NR:CHANnel:CONTrol:CELL:ID`

Parameter/Response:

Example: `DSS:NR:CHANnel:CONTrol:CELL:ID?`

Description: You can query Cell ID in Control Channel measurement of NR in DSS Signal Analyzer



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### **DSS:NR:CHANnel:STANdard**

Syntax: DSS:NR:CHANnel:STANdard

Parameter/Response:

Example: DSS:NR:CHANnel:STANdard 701

Description: You can set channel standard for NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:CELL:ID**

Syntax: DSS:NR:CONStellation:CELL:ID

Parameter/Response:

Example: DSS:NR:CONStellation:CELL:ID?

Description: You can query Cell ID in Constellation measurement for NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:DATA:EVM:PEAK:ACCumulate**

Syntax: DSS:NR:CONStellation:DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:NR:CONStellation:DATA:EVM:PEAK:ACCumulate?

Description: You can query Accumulated Data EVM Peak for NR in Constellation measurement of DSS Signal Analyzer

### **DSS:NR:CONStellation:DATA:EVM:PEAK:NORMal**

Syntax: DSS:NR:CONStellation:DATA:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:NR:CONStellation:DATA:EVM:PEAK:NORMal?

Description: You can query Normal Data EVM Peak for NR in Constellation measurement of DSS Signal Analyzer

### **DSS:NR:CONStellation:DATA:EVM:PEAK:SYMBol**

Syntax: DSS:NR:CONStellation:DATA:EVM:PEAK:SYMBol

Parameter/Response:

Example: DSS:NR:CONStellation:DATA:EVM:PEAK:SYMBol?

Description: You can query Symbol of Data EVM Peak in Constellation measurement for NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:DATA:EVM:RMS:ACCumulate**

Syntax: DSS:NR:CONStellation:DATA:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:NR:CONStellation:DATA:EVM:RMS:ACCumulate?

Description: You can query Accumulated Data EVM RMS in Constellation measurement for NR in DSS Signal Analyzer

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### **DSS:NR:CONStellation:DATA:EVM:RMS:NORMAl**

Syntax: DSS:NR:CONStellation:DATA:EVM:RMS:NORMAl

Parameter/Response:

Example: DSS:NR:CONStellation:DATA:EVM:RMS:NORMAl?

Description: You can query Data EVM RMS in Constellation measurement for NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:DATA:SIZE**

Syntax: DSS:NR:CONStellation:DATA:SIZE

Parameter/Response:

Example: DSS:NR:CONStellation:DATA:SIZE?

Description: You can query Constellation Data Size for NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:DM:RS:POWer**

Syntax: DSS:NR:CONStellation:DM:RS:POWer

Parameter/Response:

Example: DSS:NR:CONStellation:DM:RS:POWer?

Description: You can query Constellation DM RS Power for NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:EVM:QAM16**

Syntax: DSS:NR:CONStellation:EVM:QAM16

Parameter/Response:

Example: DSS:NR:CONStellation:EVM:QAM16?

Description: You can query EVM QAM16 for Constellation measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:EVM:QAM256**

Syntax: DSS:NR:CONStellation:EVM:QAM256

Parameter/Response:

Example: DSS:NR:CONStellation:EVM:QAM256?

Description: You can query EVM QAM256 for Constellation measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:EVM:QAM64**

Syntax: DSS:NR:CONStellation:EVM:QAM64

Parameter/Response:

Example: DSS:NR:CONStellation:EVM:QAM64?

Description: You can query EVM QAM64 for Constellation measurement of NR in DSS Signal Analyzer

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### **DSS:NR:CONStellation:EVM:QPSK**

Syntax: DSS:NR:CONStellation:EVM:QPSK

Parameter/Response:

Example: DSS:NR:CONStellation:EVM:QPSK?

Description: You can query EVM QPSK for Constellation measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:FREQuency:ERRor:HZ**

Syntax: DSS:NR:CONStellation:FREQuency:ERRor:HZ

Parameter/Response:

Example: DSS:NR:CONStellation:FREQuency:ERRor:HZ?

Description: You can query Frequency Error in Hz for Constellation measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:FREQuency:ERRor:PPM**

Syntax: DSS:NR:CONStellation:FREQuency:ERRor:PPM

Parameter/Response:

Example: DSS:NR:CONStellation:FREQuency:ERRor:PPM?

Description: You can query Frequency Error in ppm for Constellation measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:I:DATA**

Syntax: DSS:NR:CONStellation:I:DATA

Parameter/Response:

Example: DSS:NR:CONStellation:I:DATA?

Description: You can query Constellation data of NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:Q:DATA**

Syntax: DSS:NR:CONStellation:Q:DATA

Parameter/Response:

Example: DSS:NR:CONStellation:Q:DATA?

Description: You can query Constellation Q Data of NR in DSS Signal Analyzer

### **DSS:NR:CONStellation:TIME:ERRor**

Syntax: DSS:NR:CONStellation:TIME:ERRor

Parameter/Response:

Example: DSS:NR:CONStellation:TIME:ERRor?

Description: You can query Time Error in Constellation measurement of NR in DSS Signal Analyzer

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#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PB**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PB?

Description: You can query Accumulated EVM Peak of PBCH in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PBCH:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PBCH:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PBCH:DMRS?

Description: You can query Accumulated EVM Peak of PBCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC?

Description: You can query Accumulated EVM Peak of PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PDC:DMRS?

Description: You can query Accumulated EVM Peak of PDCCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:PSS?

Description: You can query Accumulated EVM Peak of PSS in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:ACCumulate:SSS?

Description: You can query Accumulated EVM Peak of SSS in Control Channel measurement of NR in DSS Signal Analyzer

---

### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PB**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PB?

Description: You can query EVM Peak of PBCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PBCH:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PBCH:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PBCH:DMRS?

Description: You can query EVM Peak of PBCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC?

Description: You can query EVM Peak of PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PDC:DMRS?

Description: You can query EVM Peak of PDCCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:PSS?

Description: You can query EVM Peak of PSS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:NORMal:SSS?

Description: You can query EVM Peak of SSS in Control Channel measurement of NR in DSS Signal Analyzer

---

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PB**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PB?

Description: You can query Symbol of PB EVM Peak in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PBCH:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PBCH:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PBCH:DMRS?

Description: You can query Symbol of PBCH DMRS EVM Peak in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PDC?

Description: You can query Symbol of PDCCH EVM Peak in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PDC:DMRS?

Description: You can query Symbol of PDCCH DMRS EVM Peak in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:PSS?

Description: You can query Symbol of PSS EVM Peak in Control Channel measurement of NR in DSS Signal Analyzer

#### **DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:PEAK:SYMBol:SSS?

Description: You can query Symbol of SSS EVM Peak in Control Channel measurement of NR in DSS Signal Analyzer

---

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PB?

Description: You can query Accumulated EVM RMS of PBCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PBCH:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PBCH:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PBCH:DMRS?

Description: You can query Accumulated EVM RMS of PBCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC?

Description: You can query Accumulated EVM RMS of PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PDC:DMRS?

Description: You can query Accumulated EVM RMS of PDCCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:PSS?

Description: You can query Accumulated EVM RMS of PSS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:ACCumulate:SSS?

Description: You can query Accumulated EVM RMS of SSS in Control Channel measurement of NR in DSS Signal Analyzer



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### **DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PB**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PB?

Description: You can query EVM RMS of PBCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PBCH:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PBCH:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PBCH:DMRS?

Description: You can query EVM RMS of PBCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PDC?

Description: You can query EVM RMS of PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PDC:DMRS?

Description: You can query EVM RMS of PDCCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:PSS?

Description: You can query EVM RMS of PSS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:EVM:RMS:NORMal:SSS?

Description: You can query EVM RMS of SSS in Control Channel measurement of NR in DSS Signal Analyzer



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### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PB**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PB?

Description: You can query Frequency Error (Hz) of PBCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PBCH:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PBCH:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PBCH:DMRS?

Description: You can query Frequency Error (Hz) of PBCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC?

Description: You can query Frequency Error (Hz) of PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PDC:DMRS?

Description: You can query Frequency Error (Hz) of PDCCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:PSS?

Description: You can query Frequency Error (Hz) of PSS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:HZ:SSS?

Description: You can query Frequency Error (Hz) of SSS in Control Channel measurement of NR in DSS Signal Analyzer

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### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PB?

Description: You can query Frequency Error (ppm) of PBCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PBCH:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PBCH:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PBCH:DMRS?

Description: You can query Frequency Error (ppm) of PBCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC?

Description: You can query Frequency Error (ppm) of PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PDC:DMRS?

Description: You can query Frequency Error (ppm) of PDCCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:PSS?

Description: You can query Frequency Error (ppm) of PSS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:FREQuency:ERRor:PPM:SSS?

Description: You can query Frequency Error (ppm) of SSS in Control Channel measurement of NR in DSS Signal Analyzer

---

### **DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB**

Syntax: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PB?

Description: You can query IQ Origin Offset for PBCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PBCH:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PBCH:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PBCH:DMRS?

Description: You can query IQ Origin Offset for PBCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC?

Description: You can query IQ Origin Offset for PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PDC:DMRS?

Description: DSS:NR:CONTRol: You can query IQ Origin Offset for PDCCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **CHANnel:IQ:ORIGin:OFFSet:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:PSS?

Description: You can query IQ Origin Offset for PSS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:IQ:ORIGin:OFFSet:SSS?

Description: You can query IQ Origin Offset for SSS in Control Channel measurement of NR in DSS Signal Analyzer

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### **DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PB**

Syntax: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PB?

Description: You can query PBCH Modulation Format in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PBCH:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PBCH:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PBCH:DMRS?

Description: You can query PBCH DMRS Modulation Format in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PDC?

Description: You can query PDCCH Modulation Format in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PDC:DMRS?

Description: You can query PDCCH DMRS Modulation Format in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:PSS?

Description: You can query PSS Modulation Format in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:MODulation:FORMat:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:MODulation:FORMat:SSS?

Description: You can query SSS Modulation Format in Control Channel measurement of NR in DSS Signal Analyzer

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### **DSS:NR:CONTRol:CHANnel:POWer:PB**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PB

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PB?

Description: You can query Power of PBCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:PB:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PB:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PB:DMRS?

Description: You can query Power of PBCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:PB:RELative**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PB:RELative

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PB:RELative?

Description: You can query Relative Power of PBCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:PBCH:DMRS:RELative**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PBCH:DMRS:RELative

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PBCH:DMRS:RELative?

Description: You can query Relative Power of PBCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:PDC**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PDC

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PDC?

Description: You can query Power of PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:PDC:DMRS**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PDC:DMRS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PDC:DMRS?

Description: You can query Power of PDCCH DMRS in Control Channel measurement of NR in DSS Signal Analyzer

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### **DSS:NR:CONTRol:CHANnel:POWer:PDC:DMRS:RELative**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PDC:DMRS:RELative

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PDC:DMRS:RELative?

Description: You can query Relative Power of PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:PDC:RELative**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PDC:RELative

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PDC:RELative?

Description: You can query Relative Power of PDCCH in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:PSS**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PSS?

Description: You can query Power of PSS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:PSS:RELative**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:PSS:RELative

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:PSS:RELative?

Description: You can query Relative Power of PSS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:SSS**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:SSS

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:SSS?

Description: You can query Power of SSS in Control Channel measurement of NR in DSS Signal Analyzer

### **DSS:NR:CONTRol:CHANnel:POWer:SSS:RELative**

Syntax: DSS:NR:CONTRol:CHANnel:POWer:SSS:RELative

Parameter/Response:

Example: DSS:NR:CONTRol:CHANnel:POWer:SSS:RELative?

Description: You can query Relative Power of SSS in Control Channel measurement of NR in DSS Signal Analyzer

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#### **DSS:NR:DATA:MAPPer:DATA**

Syntax: DSS:NR:DATA:MAPPer:DATA

Parameter/Response:

Example: DSS:NR:DATA:MAPPer:DATA?

Description: You can query NR data map in DSS Signal Analyzer

#### **DSS:NR:DATA:MAPPer:SIZE:X**

Syntax: DSS:NR:DATA:MAPPer:SIZE:X

Parameter/Response:

Example: DSS:NR:DATA:MAPPer:SIZE:X?

Description: You can query x size of NR data map in DSS Signal Analyzer

#### **DSS:NR:DATA:MAPPer:SIZE:Y**

Syntax: DSS:NR:DATA:MAPPer:SIZE:Y

Parameter/Response:

Example: DSS:NR:DATA:MAPPer:SIZE:Y?

Description: You can query y size of NR data map in DSS Signal Analyzer

#### **DSS:NR:FRAMe:CELL:ID**

Syntax: DSS:NR:FRAMe:CELL:ID

Parameter/Response:

Example: DSS:NR:FRAMe:CELL:ID?

Description: You can query Cell ID in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:DATA:EVM:PEAK:ACCumulate**

Syntax: DSS:NR:FRAMe:DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:NR:FRAMe:DATA:EVM:PEAK:ACCumulate?

Description: You can query Accumulated Data EVM Peak in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:EVM:QAM16**

Syntax: DSS:NR:FRAMe:EVM:QAM16

Parameter/Response:

Example: DSS:NR:FRAMe:EVM:QAM16?

Description: You can query QAM16 EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:EVM:QAM256**

Syntax: DSS:NR:FRAMe:EVM:QAM256



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Parameter/Response:

Example: `DSS:NR:FRAME:EVM:QAM256?`

Description: You can query QAM256 EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:EVM:QAM64**

Syntax: `DSS:NR:FRAME:EVM:QAM64`

Parameter/Response:

Example: `DSS:NR:FRAME:EVM:QAM64?`

Description: You can query QAM64 EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:EVM:PB**

Syntax: `DSS:NR:FRAME:EVM:PB`

Parameter/Response:

Example: `DSS:NR:FRAME:EVM:PB?`

Description: You can query PBCH EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:EVM:PBCH:RS**

Syntax: `DSS:NR:FRAME:EVM:PBCH:RS`

Parameter/Response:

Example: `DSS:NR:FRAME:EVM:PBCH:RS?`

Description: You can query PBCH RS EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:EVM:PDC**

Syntax: `DSS:NR:FRAME:EVM:PDC`

Parameter/Response:

Example: `DSS:NR:FRAME:EVM:PDC?`

Description: You can query PDCCH RS EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:EVM:PDC:DMRS**

Syntax: `DSS:NR:FRAME:EVM:PDC:DMRS`

Parameter/Response:

Example: `DSS:NR:FRAME:EVM:PDC:DMRS?`

Description: You can query PDCCH DMRS EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:EVM:PSS**

Syntax: `DSS:NR:FRAME:EVM:PSS`

Parameter/Response:



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**Example:** DSS:NR:FRAMe:EVM:PSS?

**Description:** You can query PSS EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:EVM:QPSK**

**Syntax:** DSS:NR:FRAMe:EVM:QPSK

**Parameter/Response:**

**Example:** DSS:NR:FRAMe:EVM:QPSK?

**Description:** You can query QPSK EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:EVM:SSS**

**Syntax:** DSS:NR:FRAMe:EVM:SSS

**Parameter/Response:**

**Example:** DSS:NR:FRAMe:EVM:SSS?

**Description:** You can query SSS EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:EVM:UNALlocated**

**Syntax:** DSS:NR:FRAMe:EVM:UNALlocated

**Parameter/Response:**

**Example:** DSS:NR:FRAMe:EVM:UNALlocated?

**Description:** You can query UNALlocated EVM in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:FREQuency:ERRor:HZ**

**Syntax:** DSS:NR:FRAMe:FREQuency:ERRor:HZ

**Parameter/Response:**

**Example:** DSS:NR:FRAMe:FREQuency:ERRor:HZ?

**Description:** You can query Frequency Error in Hz in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:FREQuency:ERRor:PPM**

**Syntax:** DSS:NR:FRAMe:FREQuency:ERRor:PPM

**Parameter/Response:**

**Example:** DSS:NR:FRAMe:FREQuency:ERRor:PPM?

**Description:** You can query Frequency Error in ppm in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:QAM16**

**Syntax:** DSS:NR:FRAMe:MODulation:TYPE:QAM16

**Parameter/Response:**

**Example:** DSS:NR:FRAMe:MODulation:TYPE:QAM16?

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Description: You can query Modulation Type of QAM16 in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:QAM256**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:QAM256

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:QAM256?

Description: You can query Modulation Type of QAM256 in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:QAM64**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:QAM64

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:QAM64?

Description: You can query Modulation Type of QAM64 in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:PB**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:PB

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:PB?

Description: You can query Modulation Type of PBCH in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:PBCH:RS**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:PBCH:RS

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:PBCH:RS?

Description: You can query Modulation Type of PBCH RS in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:PDC**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:PDC

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:PDC?

Description: You can query Modulation Type of PDCCH in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:PDC:DMRS**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:PDC:DMRS

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:PDC:DMRS?

---

Description: You can query Modulation Type of PDCCH DMRS in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:PSS**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:PSS

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:PSS?

Description: You can query Modulation Type of PSS in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:QPSK**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:QPSK

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:QPSK?

Description: You can query Modulation Type of QPSK in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:SSS**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:SSS

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:SSS?

Description: You can query Modulation Type of SSS in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:MODulation:TYPE:UNALlocated**

Syntax: DSS:NR:FRAMe:MODulation:TYPE:UNALlocated

Parameter/Response:

Example: DSS:NR:FRAMe:MODulation:TYPE:UNALlocated?

Description: You can query Modulation Type of UNALlocated in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:POWer:PB**

Syntax: DSS:NR:FRAMe:POWer:PB

Parameter/Response:

Example: DSS:NR:FRAMe:POWer:PB?

Description: You can query Channel Power of PBCH in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:POWer:PB:DMRS**

Syntax: DSS:NR:FRAMe:POWer:PB:DMRS

Parameter/Response:

Example: DSS:NR:FRAMe:POWer:PB:DMRS?

---

Description: You can query Channel Power of PBCH DMRS in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:POWer:RELative:PB:DMRS**

Syntax: DSS:NR:FRAME:POWer:RELative:PB:DMRS

Parameter/Response:

Example: DSS:NR:FRAME:POWer:RELative:PB:DMRS?

Description: You can query Channel Power of PBCH DMRS (relative) in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:POWer:PBCH:RELative**

Syntax: DSS:NR:FRAME:POWer:PBCH:RELative

Parameter/Response:

Example: DSS:NR:FRAME:POWer:PBCH:RELative?

Description: You can query Channel Power of PBCH (relative) in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:POWer:PDC**

Syntax: DSS:NR:FRAME:POWer:PDC

Parameter/Response:

Example: DSS:NR:FRAME:POWer:PDC?

Description: You can query Channel Power of PDCCH in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:POWer:PDC:DMRS**

Syntax: DSS:NR:FRAME:POWer:PDC:DMRS

Parameter/Response:

Example: DSS:NR:FRAME:POWer:PDC:DMRS?

Description: You can query Channel Power of PDCCH DMRS in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:POWer:PDC:RELative**

Syntax: DSS:NR:FRAME:POWer:PDC:RELative

Parameter/Response:

Example: DSS:NR:FRAME:POWer:PDC:RELative?

Description: You can query Channel Power of PDCCH (relative) in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAME:POWer:PSS**

Syntax: DSS:NR:FRAME:POWer:PSS

Parameter/Response:

Example: DSS:NR:FRAME:POWer:PSS?

---

Description: You can query Channel Power of PSS in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:POWer:PSS:RELative**

Syntax: DSS:NR:FRAMe:POWer:PSS:RELative

Parameter/Response:

Example: DSS:NR:FRAMe:POWer:PSS:RELative?

Description: You can query Channel Power of PSS (relative) in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:POWer:SSS**

Syntax: DSS:NR:FRAMe:POWer:SSS

Parameter/Response:

Example: DSS:NR:FRAMe:POWer:SSS?

Description: You can query Channel Power of SSS in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:POWer:SSS:RELative**

Syntax: DSS:NR:FRAMe:POWer:SSS:RELative

Parameter/Response:

Example: DSS:NR:FRAMe:POWer:SSS:RELative?

Description: You can query Channel Power of SSS (relative) in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:REGard:RB:QAM16**

Syntax: DSS:NR:FRAMe:REGard:RB:QAM16

Parameter/Response:

Example: DSS:NR:FRAMe:REGard:RB:QAM16?

Description: You can query REG/RBs of QAM16 in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:REGard:RB:QAM256**

Syntax: DSS:NR:FRAMe:REGard:RB:QAM256

Parameter/Response:

Example: DSS:NR:FRAMe:REGard:RB:QAM256?

Description: You can query REG/RBs of QAM256 in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:REGard:RB:QAM64**

Syntax: DSS:NR:FRAMe:REGard:RB:QAM64

Parameter/Response:

Example: DSS:NR:FRAMe:REGard:RB:QAM64?

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Description: You can query REG/RBs of QAM64 in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:REGard:RB:QPSK**

Syntax: DSS:NR:FRAMe:REGard:RB:QPSK

Parameter/Response:

Example: DSS:NR:FRAMe:REGard:RB:QPSK?

Description: You can query REG/RBs of QPSK in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:FRAMe:TIME:ERRor**

Syntax: DSS:NR:FRAMe:TIME:ERRor

Parameter/Response:

Example: DSS:NR:FRAMe:TIME:ERRor?

Description: You can query the Time Error in Frame measurement of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:EVM:DATA:PEAK:HIGh**

Syntax: DSS:NR:LIMit:EVM:DATA:PEAK:HIGh

Description: You can set the High Limit for EVM Data Peak of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:EVM:DATA:PEAK:MODE**

Syntax: DSS:NR:LIMit:EVM:DATA:PEAK:MODE

Description: You can set the EVM Data Peak Limit mode to on or off for NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:EVM:DATA:RMS:HIGh**

Syntax: DSS:NR:LIMit:EVM:DATA:RMS:HIGh

Description: You can set the High Limit for EVM Data RMS of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:EVM:DATA:RMS:MODE**

Syntax: DSS:NR:LIMit:EVM:DATA:RMS:MODE

Description: You can set the EVM Data RMS Limit mode of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:EVM:PDSCh:QAM16:HIGh**

Syntax: DSS:NR:LIMit:EVM:PDSCh:QAM16:HIGh

Description: You can set the High Limit for EVM PDSCHQAM16 of NR in DSS Signal Analyzer

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### **DSS:NR:LIMit:EVM:PDsch:QAM256:HIGh**

Syntax: DSS:NR:LIMit:EVM:PDsch:QAM256:HIGh

Description: You can set the High Limit for EVM PDsch QAM256 of NR in DSS Signal Analyzer

### **DSS:NR:LIMit:EVM:PDsch:QAM64:HIGh**

Syntax: DSS:NR:LIMit:EVM:PDsch:QAM64:HIGh

Description: You can set the High Limit for EVM PDsch QAM64 of NR in DSS Signal Analyzer

### **DSS:NR:LIMit:EVM:PDsch:MODE**

Syntax: DSS:NR:LIMit:EVM:PDsch:MODE

Description: You can set the EVM PDsch Limit to on or off of NR in DSS Signal Analyzer

### **DSS:NR:LIMit:EVM:PDsch:QPSK:HIGh**

Syntax: DSS:NR:LIMit:EVM:PDsch:QPSK:HIGh

Description: You can set the High Limit for EVM PDsch of NR in DSS Signal Analyzer

### **DSS:NR:LIMit:EVM:PSS:HIGh**

Syntax: DSS:NR:LIMit:EVM:PSS:HIGh

Description: You can set the High Limit for EVM PSS of NR in DSS Signal Analyzer

### **DSS:NR:LIMit:EVM:PSS:MODE**

Syntax: DSS:NR:LIMit:EVM:PSS:MODE

Description: You can set the EVM PSS Limit to on or off of NR in DSS Signal Analyzer

### **DSS:NR:LIMit:EVM:SSS:HIGh**

Syntax: DSS:NR:LIMit:EVM:SSS:HIGh

Description: You can set the High Limit for EVM SSS of NR in DSS Signal Analyzer

### **DSS:NR:LIMit:EVM:SSS:MODE**

Syntax: DSS:NR:LIMit:EVM:SSS:MODE

Description: You can set the EVM SSS Limit to on or off of NR in DSS Signal Analyzer

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#### **DSS:NR:LIMit:FREQuency:ERRor:HIGH**

Syntax: DSS:NR:LIMit:FREQuency:ERRor:HIGH

Description: You can set the High Limit for Frequency Error of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:FREQuency:ERRor:LOW**

Syntax: DSS:NR:LIMit:FREQuency:ERRor:LOW

Description: You can set the Low Limit for Frequency Error of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:FREQuency:ERRor:MODE**

Syntax: DSS:NR:LIMit:FREQuency:ERRor:MODE

Description: You can set the Frequency Error Limit to on or off for NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:PBCH:ABSolute:HIGH**

Syntax: DSS:NR:LIMit:POWer:PBCH:ABSolute:HIGH

Description: You can set the High Limit for PBCH Power (absolute) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:PBCH:ABSolute:LOW**

Syntax: DSS:NR:LIMit:POWer:PBCH:ABSolute:LOW

Description: You can set the Low Limit for PBCH Power (absolute) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:PBCH:MODE**

Syntax: DSS:NR:LIMit:POWer:PBCH:MODE

Description: You can set the PBCH Power Limit to on or off for NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:PBCH:RELeative:HIGH**

Syntax: DSS:NR:LIMit:POWer:PBCH:RELeative:HIGH

Description: You can set the High Limit for PBCH Power (relative) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:PBCH:RELeative:LOW**

Syntax: DSS:NR:LIMit:POWer:PBCH:RELeative:LOW

Description: You can set the Low Limit for PBCH Power (relative) of NR in DSS Signal Analyzer



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#### **DSS:NR:LIMit:POWer:PSS:ABSolute:HIGH**

Syntax: DSS:NR:LIMit:POWer:PSS:ABSolute:HIGH

Description: You can set the High Limit for PSS Power (absolute) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:PSS:ABSolute:LOW**

Syntax: DSS:NR:LIMit:POWer:PSS:ABSolute:LOW

Description: You can set the Low Limit for PSS Power (absolute) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:PSS:RELeative:HIGH**

Syntax: DSS:NR:LIMit:POWer:PSS:RELeative:HIGH

Description: You can set the High Limit for PSS Power (relative) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:PSS:RELeative:LOW**

Syntax: DSS:NR:LIMit:POWer:PSS:RELeative:LOW

Description: You can set the Low Limit for PSS Power (relative) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:SSS:ABSolute:HIGH**

Syntax: DSS:NR:LIMit:POWer:SSS:ABSolute:HIGH

Description: You can set the High Limit for SSS Power (absolute) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:SSS:ABSolute:LOW**

Syntax: DSS:NR:LIMit:POWer:SSS:ABSolute:LOW

Description: You can set the Low Limit for SSS Power (absolute) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:SSS:MODE**

Syntax: DSS:NR:LIMit:POWer:SSS:MODE

Description: You can set SSS Power Limit to on or off for NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:POWer:SSS:RELeative:HIGH**

Syntax: DSS:NR:LIMit:POWer:SSS:RELeative:HIGH

Description: You can set the High Limit for SSS Power (relative) of NR in DSS Signal Analyzer

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#### **DSS:NR:LIMit:POWer:SSS:RELeative:LOW**

Syntax: DSS:NR:LIMit:POWer:SSS:RELeative:LOW

Description: You can set the Low Limit for SSS Power (relative) of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:TIME:ERRor:HIGH**

Syntax: DSS:NR:LIMit:TIME:ERRor:HIGH

Description: You can set the High Limit for Time Error of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:TIME:ERRor:LOW**

Syntax: DSS:NR:LIMit:TIME:ERRor:LOW

Description: You can set the Low Limit for Time Error of NR in DSS Signal Analyzer

#### **DSS:NR:LIMit:TIME:ERRor:MODE**

Syntax: DSS:NR:LIMit:TIME:ERRor:MODE

Description: You can set the Time Error Limit to on or off for NR in DSS Signal Analyzer

#### **DSS:NR:OTA:CHANnel:SCANner:RSRP:POWer:ORDer#**

Syntax: DSS:NR:OTA:CHANnel:SCANner:RSRP:POWer:ORDer#

Parameter/Response:

Example: DSS:NR:OTA:CHANnel:SCANner:RSRP:POWer:ORDer6?

Description: You can query RSRP Power in OTA Channel Scanner measurement of NR in DSS Signal Analyzer

#### **DSS:NR:OTA:ID:SCANner:CELL:ID#**

Syntax: DSS:NR:OTA:ID:SCANner:CELL:ID#

Parameter/Response:

Example: DSS:NR:OTA:ID:SCANner:CELL:ID6?

Description: You can query Cell ID number for OTA ID Scanner of NR in DSS Signal Analyzer

#### **DSS:NR:OTA:ID:SCANner:ID#:DM:RS**

Syntax: DSS:NR:OTA:ID:SCANner:ID#:DM:RS

Parameter/Response:

Example: DSS:NR:OTA:ID:SCANner:ID6:DM:RS?

Description: You can query DMRS scanner ID number for OTA ID Scanner of NR in DSS Signal Analyzer

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### **DSS:NR:OTA:ID:SCANner:ID#:PBCH**

Syntax: DSS:NR:OTA:ID:SCANner:ID#:PBCH

Parameter/Response:

Example: DSS:NR:OTA:ID:SCANner:ID6:PBCH?

Description: You can query PBCH scanner ID number for OTA ID Scanner of NR in DSS Signal Analyzer

### **DSS:NR:OTA:ID:SCANner:ID#:PS:RSRP**

Syntax: DSS:NR:OTA:ID:SCANner:ID#:PS:RSRP

Parameter/Response:

Example: DSS:NR:OTA:ID:SCANner:ID6:PS:RSRP?

Description: You can query PS-RSRP scanner ID number for OTA ID Scanner of NR in DSS Signal Analyzer

### **DSS:NR:OTA:ID:SCANner:ID#:SS:RSRP**

Syntax: DSS:NR:OTA:ID:SCANner:ID#:SS:RSRP

Parameter/Response:

Example: DSS:NR:OTA:ID:SCANner:ID6:SS:RSRP?

Description: You can query SS-RSRP scanner ID number for OTA ID Scanner of NR in DSS Signal Analyzer

### **DSS:NR:OTA:ID:SCANner:ID#:SS:RSRQ**

Syntax: DSS:NR:OTA:ID:SCANner:ID#:SS:RSRQ

Parameter/Response:

Example: DSS:NR:OTA:ID:SCANner:ID8:SS:RSRQ?

Description: You can query SS-RSRQ scanner ID number for OTA ID Scanner of NR in DSS Signal Analyzer

### **DSS:NR:OTA:ID:SCANner:ID#:SS:SINR**

Syntax: DSS:NR:OTA:ID:SCANner:ID#:SS:SINR

Parameter/Response:

Example: DSS:NR:OTA:ID:SCANner:ID6:SS:SINR?

Description: You can query SS-SINR scanner ID number for OTA ID Scanner of NR in DSS Signal Analyzer

### **DSS:NR:OTA:ID:SCANner:ID#:SS:SNR**

Syntax: DSS:NR:OTA:ID:SCANner:ID#:SS:SNR

Parameter/Response:

Example: DSS:NR:OTA:ID:SCANner:ID6:SS:SNR?

Description: You can query SS-SNR scanner ID number for OTA ID Scanner of NR in DSS Signal Analyzer

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### **DSS:NR:OTA:ID:SCANner:ID#:SSB:INDex**

Syntax: DSS:NR:OTA:ID:SCANner:ID#:SSB:INDex

Parameter/Response:

Example: DSS:NR:OTA:ID:SCANner:ID8:SSB:INDex?

Description: You can query SSB Index scanner ID number for OTA ID Scanner of NR in DSS Signal Analyzer

### **DSS:NR:OTA:ROUTe:MAP:CELL:ID**

Syntax: DSS:NR:OTA:ROUTe:MAP:CELL:ID

Parameter/Response:

Example: DSS:NR:OTA:ROUTe:MAP:CELL:ID?

Description: You can query Cell ID for OTA Route Map of NR in DSS Signal Analyzer

### **DSS:NR:PCI:MODE**

Syntax: DSS:NR:PCI:MODE

Parameter/Response: [Auto | Manual]

Example: DSS:NR:PCI:MODE Auto

Description: You can set PCI Mode to Auto or Manual of NR in DSS Signal Analyzer

### **DSS:NR:PCI:NUMBer**

Syntax: DSS:NR:PCI:NUMBer

Parameter/Response:

Example: DSS:NR:PCI:NUMBer 255

Description: You can set PCI number of NR in DSS Signal Analyzer

### **DSS:NR:PERiodicity**

Syntax: DSS:NR:PERiodicity

Parameter/Response:

Example: DSS:NR:PERiodicity 160ms

Description: You can set periodicity of NR in DSS Signal Analyzer

### **DSS:NR:PSS:THReshold**

Syntax: DSS:NR:PSS:THReshold

Parameter/Response:

Example: DSS:NR:PSS:THReshold 256

Description: You can set PSS threshold of NR in DSS Signal Analyzer

### **DSS:NR:RASTer:OFFSet**

Syntax: DSS:NR:RASTer:OFFSet

---

Parameter/Response:

Example: `DSS:NR:RASTer:OFFSet 0`

Description: You can set the raster offset of NR in DSS Signal Analyzer

#### **DSS:NR:SCS:OFFSet**

Syntax: `DSS:NR:SCS:OFFSet`

Parameter/Response:

Example: `DSS:NR:SCS:OFFSet 22`

Description: You can set the SCS offset of NR in DSS Signal Analyzer

#### **DSS:NR:SEARch:FREQUency:RANGe:START**

Syntax: `DSS:NR:SEARch:FREQUency:RANGe:START`

Parameter/Response:

Example: `DSS:NR:SEARch:FREQUency:RANGe:START 2111 MHz`

Description: You can set NR start frequency range in DSS Signal Analyzer

#### **DSS:NR:SEARch:FREQUency:RANGe:STOP**

Syntax: `DSS:NR:SEARch:FREQUency:RANGe:STOP`

Parameter/Response:

Example: `DSS:NR:SEARch:FREQUency:RANGe:STOP 2111 MHz`

Description: You can set NR stop frequency range in DSS Signal Analyzer

#### **DSS:NR:SSB:CENTER:FREQUency**

Syntax: `DSS:NR:SSB:CENTER:FREQUency`

Parameter/Response:

Example: `DSS:NR:SSB:CENTER:FREQUency 1000`

Description: You can set the SSB Center Frequency of NR in DSS Signal Analyzer

#### **DSS:NR:SSB:SCS**

Syntax: `DSS:NR:SSB:SCS`

Parameter/Response:

Example: `DSS:NR:SSB:SCS 0.03`

Description: You can set the SSB SCS of NR in DSS Signal Analyzer

#### **DSS:NR:SSB:SCS:MODE**

Syntax: `DSS:NR:SSB:SCS:MODE`

Parameter/Response: [Start | Stop]

Example: `DSS:NR:SSB:SCS:MODE Start`

Description: You can set the SSB SCS Mode to on or off for NR in DSS Signal Analyzer

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### **DSS:NR:SUBFrame::DATA:EVM:PEAK:ACCumulate**

Syntax: DSS:NR:SUBFrame::DATA:EVM:PEAK:ACCumulate

Parameter/Response:

Example: DSS:NR:SUBFrame::DATA:EVM:PEAK:ACCumulate?

Description: You can query Accumulated Data EVM Peak in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:CELL:ID**

Syntax: DSS:NR:SUBFrame:CELL:ID

Parameter/Response:

Example: DSS:NR:SUBFrame:CELL:ID?

Description: You can query Cell ID in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:DATA:EVM:PEAK:NORMal**

Syntax: DSS:NR:SUBFrame:DATA:EVM:PEAK:NORMal

Parameter/Response:

Example: DSS:NR:SUBFrame:DATA:EVM:PEAK:NORMal?

Description: You can query Data EVM Peak in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:DATA:EVM:PEAK:SYMBol**

Syntax: DSS:NR:SUBFrame:DATA:EVM:PEAK:SYMBol

Parameter/Response:

Example: DSS:NR:SUBFrame:DATA:EVM:PEAK:SYMBol?

Description: You can query Symbol of Data EVM Peak in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:DATA:EVM:RMS:ACCumulate**

Syntax: DSS:NR:SUBFrame:DATA:EVM:RMS:ACCumulate

Parameter/Response:

Example: DSS:NR:SUBFrame:DATA:EVM:RMS:ACCumulate?

Description: You can query Accumulated Data EVM RMS in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:DATA:EVM:RMS:NORMal**

Syntax: DSS:NR:SUBFrame:DATA:EVM:RMS:NORMal

Parameter/Response:

Example: DSS:NR:SUBFrame:DATA:EVM:RMS:NORMal?

Description: You can query NR Data EVM RMS in Subframe measurement in DSS Signal Analyzer

---

#### **DSS:NR:SUBFrame:EVM:QAM16**

Syntax: DSS:NR:SUBFrame:EVM:QAM16

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:QAM16?

Description: You can query QAM16 EVM in Subframe measurement of NR in DSS Signal Analyzer

#### **DSS:NR:SUBFrame:EVM:QAM256**

Syntax: DSS:NR:SUBFrame:EVM:QAM256

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:QAM256?

Description: You can query QAM256 EVM in Subframe measurement of NR in DSS Signal Analyzer

#### **DSS:NR:SUBFrame:EVM:QAM64**

Syntax: DSS:NR:SUBFrame:EVM:QAM64

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:QAM64?

Description: You can query QAM64 EVM in Subframe measurement of NR in DSS Signal Analyzer

#### **DSS:NR:SUBFrame:EVM:PB**

Syntax: DSS:NR:SUBFrame:EVM:PB

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:PB?

Description: You can query PBCH EVM in Subframe measurement of NR in DSS Signal Analyzer

#### **DSS:NR:SUBFrame:EVM:PBCH:RS**

Syntax: DSS:NR:SUBFrame:EVM:PBCH:RS

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:PBCH:RS?

Description: You can query PBCH RS EVM in Subframe measurement of NR in DSS Signal Analyzer

#### **DSS:NR:SUBFrame:EVM:PDC**

Syntax: DSS:NR:SUBFrame:EVM:PDC

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:PDC?

Description: You can query PDCCH EVM in Subframe measurement of NR in DSS Signal Analyzer

---

### **DSS:NR:SUBFrame:EVM:PDC:DMRS**

Syntax: DSS:NR:SUBFrame:EVM:PDC:DMRS

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:PDC:DMRS?

Description: You can query PDCCH DMRS EVM in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:EVM:PSS**

Syntax: DSS:NR:SUBFrame:EVM:PSS

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:PSS?

Description: You can query PSS EVM in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:EVM:QPSK**

Syntax: DSS:NR:SUBFrame:EVM:QPSK

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:QPSK?

Description: You can query QPSK EVM in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:EVM:SSS**

Syntax: DSS:NR:SUBFrame:EVM:SSS

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:SSS?

Description: You can query SSS EVM in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:EVM:UNALlocated**

Syntax: DSS:NR:SUBFrame:EVM:UNALlocated

Parameter/Response:

Example: DSS:NR:SUBFrame:EVM:UNALlocated?

Description: You can query UNALlocated EVM in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:FREQuency:ERRor:HZ**

Syntax: DSS:NR:SUBFrame:FREQuency:ERRor:HZ

Parameter/Response:

Example: DSS:NR:SUBFrame:FREQuency:ERRor:HZ?

Description: You can query Frequency Error in Hz in Subframe measurement of NR in DSS Signal Analyzer



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### **DSS:NR:SUBFrame:FREQuency:ERRor:PPM**

Syntax: DSS:NR:SUBFrame:FREQuency:ERRor:PPM

Parameter/Response:

Example: DSS:NR:SUBFrame:FREQuency:ERRor:PPM?

Description: You can query Frequency Error in ppm in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:QAM16**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:QAM16

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:QAM16?

Description: You can query Modulation Type of QAM16 in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:QAM256**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:QAM256

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:QAM256?

Description: You can query Modulation Type of QAM256 in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:QAM64**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:QAM64

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:QAM64?

Description: You can query Modulation Type of QAM64 in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:PB**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:PB

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:PB?

Description: You can query Modulation Type of PBCH in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:PBCH:RS**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:PBCH:RS

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:PBCH:RS?

Description: You can query Modulation Type of PBCH RS in Subframe measurement of NR in DSS Signal Analyzer

---

### **DSS:NR:SUBFrame:MODulation:TYPE:PDC**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:PDC

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:PDC?

Description: You can query Modulation Type of PDCCH in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:PDC:DMRS**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:PDC:DMRS

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:PDC:DMRS?

Description: You can query Modulation Type of PDCCH DMRS in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:PSS**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:PSS

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:PSS?

Description: You can query Modulation Type of PSS in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:QPSK**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:QPSK

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:QPSK?

Description: You can query Modulation Type of QPSK in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:SSS**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:SSS

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:SSS?

Description: You can query Modulation Type of SSS in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:MODulation:TYPE:UNALlocated**

Syntax: DSS:NR:SUBFrame:MODulation:TYPE:UNALlocated

Parameter/Response:

Example: DSS:NR:SUBFrame:MODulation:TYPE:UNALlocated?

Description: You can query Modulation Type of UNALlocated in Subframe measurement of NR in DSS Signal Analyzer

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### **DSS:NR:SUBFrame:POWer:QAM16**

Syntax: DSS:NR:SUBFrame:POWer:QAM16

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:QAM16?

Description: You can query Power of QAM16 in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:QAM256**

Syntax: DSS:NR:SUBFrame:POWer:QAM256

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:QAM256?

Description: You can query Power of QAM256 in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:QAM64**

Syntax: DSS:NR:SUBFrame:POWer:QAM64

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:QAM64?

Description: You can query Power of QAM64 in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:DMRS**

Syntax: DSS:NR:SUBFrame:POWer:DMRS

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:DMRS?

Description: You can query DMRS Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:PB**

Syntax: DSS:NR:SUBFrame:POWer:PB

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:PB?

Description: You can query Channel Power of PBCH in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:PB:RELative**

Syntax: DSS:NR:SUBFrame:POWer:PB:RELative

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:PB:RELative?

Description: You can query Channel Power of PBCH (relative) in Subframe measurement of NR in DSS Signal Analyzer

---

### **DSS:NR:SUBFrame:POWer:PB:RS**

Syntax: DSS:NR:SUBFrame:POWer:PB:RS

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:PB:RS?

Description: can query Channel Power of PBCH RS in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:PDC**

Syntax: DSS:NR:SUBFrame:POWer:PDC

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:PDC?

Description: You can query PDCCH Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:PDC:RELative**

Syntax: DSS:NR:SUBFrame:POWer:PDC:RELative

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:PDC:RELative?

Description: You can query PDCCH Power (relative) in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:PDC:RS**

Syntax: DSS:NR:SUBFrame:POWer:PDC:RS

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:PDC:RS?

Description: You can query PDCCH RS Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:PSS**

Syntax: DSS:NR:SUBFrame:POWer:PSS

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:PSS?

Description: You can query PSS Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:PSS:RELative**

Syntax: DSS:NR:SUBFrame:POWer:PSS:RELative

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:PSS:RELative?

Description: You can query PSS Power (relative) in Subframe measurement of NR in DSS Signal Analyzer

---

### **DSS:NR:SUBFrame:POWer:QPSK**

Syntax: DSS:NR:SUBFrame:POWer:QPSK

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:QPSK?

Description: You can query QPSK Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:RELative:QAM16**

Syntax: DSS:NR:SUBFrame:POWer:RELative:QAM16

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:RELative:QAM16?

Description: You can query QAM16 Relative Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:RELative:QAM256**

Syntax: DSS:NR:SUBFrame:POWer:RELative:QAM256

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:RELative:QAM256?

Description: You can query QAM256 Relative Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:RELative:QAM64**

Syntax: DSS:NR:SUBFrame:POWer:RELative:QAM64

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:RELative:QAM64?

Description: You can query QAM64 Relative Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:SSS**

Syntax: DSS:NR:SUBFrame:POWer:SSS

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:SSS?

Description: You can query SSS Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:POWer:SSS:RELative**

Syntax: DSS:NR:SUBFrame:POWer:SSS:RELative

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:SSS:RELative?

Description: You can query Relative SSS Power in Subframe measurement of NR in DSS Signal Analyzer

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### **DSS:NR:SUBFrame:POWer:UNALlocated**

Syntax: DSS:NR:SUBFrame:POWer:UNALlocated

Parameter/Response:

Example: DSS:NR:SUBFrame:POWer:UNALlocated?

Description: You can query UNALlocated Power in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:REGard:RB:QAM16**

Syntax: DSS:NR:SUBFrame:REGard:RB:QAM16

Parameter/Response:

Example: DSS:NR:SUBFrame:REGard:RB:QAM16?

Description: You can query REG/RBs of QAM16 in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:REGard:RB:QAM256**

Syntax: DSS:NR:SUBFrame:REGard:RB:QAM256

Parameter/Response:

Example: DSS:NR:SUBFrame:REGard:RB:QAM256?

Description: You can query REG/RBs of QAM256 in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:REGard:RB:QAM64**

Syntax: DSS:NR:SUBFrame:REGard:RB:QAM64

Parameter/Response:

Example: DSS:NR:SUBFrame:REGard:RB:QAM64?

Description: You can query REG/RBs of QAM64 in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:REGard:RB:QPSK**

Syntax: DSS:NR:SUBFrame:REGard:RB:QPSK

Parameter/Response:

Example: DSS:NR:SUBFrame:REGard:RB:QPSK?

Description: You can query REG/RBs of QPSK in Subframe measurement of NR in DSS Signal Analyzer

### **DSS:NR:SUBFrame:TIME:ERRor**

Syntax: DSS:NR:SUBFrame:TIME:ERRor

Parameter/Response:

Example: DSS:NR:SUBFrame:TIME:ERRor?

Description: You can query the Time Error in Subframe measurement of NR in DSS Signal Analyzer

---

### **DSS:NR:TAE:CELL:ID**

Syntax: DSS:NR:TAE:CELL:ID

Parameter/Response:

Example: DSS:NR:TAE:CELL:ID?

Description: You can query Cell ID in Time Alignment Error measurement of NR in DSS Signal Analyzer

### **DSS:POSition:SElect**

Syntax: DSS:POSition:SElect

Parameter/Response:

Example: DSS:POSition:SElect 300

Description: You can select Position for Datagram in DSS Signal Analyzer

### **DSS:POWer:OFFSet:TREND:SCALE**

Syntax: DSS:POWer:OFFSet:TREND:SCALE

Parameter/Response:

Example: DSS:POWer:OFFSet:TREND:SCALE?

Description: You can set power offset scale in DSS Signal Analyzer

### **DSS:PRESet**

Syntax: DSS:PRESet

Parameter/Response:

Example: DSS:PRESet

Description: You can preset DSS Signal Analyzer

### **DSS:PRESet:MEASure**

Syntax: DSS:PRESet:MEASure

Parameter/Response:

Example: DSS:PRESet:MEASure

Description: You can preset measurements in DSS Signal Analyzer

### **DSS:ROUTE:MAP:PLOT:ITEM**

Syntax: DSS:ROUTE:MAP:PLOT:ITEM

Parameter/Response: [RSRP | RSRQ | SINR | SNR]

Example: DSS:ROUTE:MAP:PLOT:ITEM NR-SSSNR

Description: You can set the plot item in Routemap in DSS Signal Analyzer

### **DSS:RS:WINDow:SElect**

Syntax: DSS:RS:WINDow:SElect

Parameter/Response: [2us | 4us | 8us]

Example: DSS:RS:WINDow:SElect 8us

---

Description: You can select RS Window in DSS Signal Analyzer

#### **DSS:SCALe:AUTO**

Syntax: DSS:SCALe:AUTO

Parameter/Response:

Example: DSS:SCALe:AUTO

Description: You can set auto scale

#### **DSS:SE:MEASure:TYPE**

Syntax: DSS:SE:MEASure:TYPE

Parameter/Response: [Examine | Full]

Example: DSS:SE:MEASure:TYPE Examine

Description: You can set Measurement Type in Spurious Emissions measurement of DSS Signal Analyzer

#### **DSS:SE:RANGe#:ATTenuation**

Syntax: DSS:SE:RANGe#:ATTenuation

Parameter/Response:

Example: DSS:SE:RANGe09:ATTenuation 30

Description: You can set attenuation value of Range# in Spurious Emissions measurement of DSS Signal Analyzer

#### **DSS:SE:RANGe#:FREQuency:START**

Syntax: DSS:SE:RANGe#:FREQuency:START

Parameter/Response:

Example: DSS:SE:RANGe09:FREQuency:START 1.23 GHz

Description: You can set Start Frequency of Range# in Spurious Emissions measurement of DSS Signal Analyzer

#### **DSS:SE:RANGe#:FREQuency:STOP**

Syntax: DSS:SE:RANGe#:FREQuency:STOP

Parameter/Response:

Example: DSS:SE:RANGe09:FREQuency:STOP 1.23 GHz

Description: You can set Stop Frequency of Range# in Spurious Emissions measurement of DSS Signal Analyzer

#### **DSS:SE:RANGe#:LIMit:START**

Syntax: DSS:SE:RANGe#:LIMit:START

Parameter/Response:

Example: DSS:SE:RANGe09:LIMit:START -30

Description: You can set Start Limit of Range# in Spurious Emissions measurement of DSS Signal Analyzer



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### **DSS:SE:RANGe#:LIMit:STOP**

Syntax: DSS:SE:RANGe#:LIMit:STOP

Parameter/Response:

Example: DSS:SE:RANGe09:LIMit:STOP -30

Description: You can set Stop Limit of Range# in Spurious Emissions measurement of DSS Signal Analyzer

### **DSS:SE:RANGe#:MODE**

Syntax: DSS:SE:RANGe#:MODE

Parameter/Response:

Example: DSS:SE:RANGe09:MODE Off

Description: You can set On or Off for the Range# in Spurious Emissions measurement of DSS Signal Analyzer

### **DSS:SE:RANGe#:RBW**

Syntax: DSS:SE:RANGe#:RBW

Parameter/Response:

Example: DSS:SE:RANGe09:RBW 30

Description: You can set RBW of Range# in Spurious Emissions measurement of DSS Signal Analyzer

### **DSS:SE:RANGe#:VBW**

Syntax: DSS:SE:RANGe#:VBW

Parameter/Response:

Example: DSS:SE:RANGe09:VBW 30 kHz

Description: You can set VBW of Range# in Spurious Emissions measurement of DSS Signal Analyzer

### **DSS:SE:RANGe:MEASure:SElect**

Syntax: DSS:SE:RANGe:MEASure:SElect

Parameter/Response: [Range01 | Range02 | Range03 | Range04 | Range05 | Range06 | Range07 | Range08 | Range09 | Range10 | Range11 | Range12 | Range13 | Range14 | Range15 | Range16 | Range17 | Range18 | Range19 | Range20]

Example: DSS:SE:RANGe:MEASure:SElect Range20

Description: You can select Range in Spurious Emissions measurement of DSS Signal Analyzer

### **DSS:SEARch:FREQuency:STEP**

Syntax: DSS:SEARch:FREQuency:STEP

Parameter/Response: [Low | High]

Example: DSS:SEARch:FREQuency:STEP High

---

Description: You can set Frequency Step to Low or High

#### **DSS:SEARch:SCS**

Syntax: DSS:SEARch:SCS

Parameter/Response: [15kHz | 30kHz]

Example: DSS:SEARch:SCS 30kHz

Description: You can set SCS to 15kHz or 30kHz

#### **DSS:SIGNAL:TYPE**

Syntax: DSS:SIGNAL:TYPE

Parameter/Response: [FDD | TDD]

Example: DSS:SIGNAL:TYPE FDD

Description: You can set the signal type to FDD or TDD

#### **DSS:SLOT:NUMBER**

Syntax: DSS:SLOT:NUMBER

Parameter/Response:

Example: DSS:SLOT:NUMBER 3

Description: You can set the slot number

#### **DSS:SUBFrame:MARKer:VIEW**

Syntax: DSS:SUBFrame:MARKer:VIEW

Parameter/Response: [Off | On]

Example: DSS:SUBFrame:MARKer:VIEW On

Description: You can set the Marker View to on or off

#### **DSS:SUBFrame:NUMBER**

Syntax: DSS:SUBFrame:NUMBER

Parameter/Response:

Example: DSS:SUBFrame:NUMBER 7

Description: You can set the Subframe number in DSS Signal Analyzer

#### **DSS:SUBFrame:SPECIAL**

Syntax: DSS:SUBFrame:SPECIAL

Parameter/Response:

Example: DSS:SUBFrame:SPECIAL 9

Description: You can set Special Subframe No. in DSS Signal Analyzer

#### **DSS:SWEEP:MODE**

Syntax: DSS:SWEEP:MODE

Parameter/Response: [Continue | Single]

Example: DSS:SWEEP:MODE Single

---

Description: You can set the sweep mode to Continue or Single in DSS Signal Analyzer

#### **DSS:SWEEp:ONCE**

Syntax: DSS:SWEEp:ONCE

Parameter/Response:

Example: DSS:SWEEp:ONCE

Description: You can set sweep once in DSS Signal Analyzer

#### **DSS:TECH:MODE**

Syntax: DSS:TECH:MODE

Parameter/Response: [NR | LTE]

Example: DSS:TECH:MODE NR

Description: You can set the tech mode between NR and LTE

#### **DSS:TIME:OFFSet:TREND:REference**

Syntax: DSS:TIME:OFFSet:TREND:REference

Parameter/Response:

Example: DSS:TIME:OFFSet:TREND:REference 1

Description: You can set time offset reference in DSS Signal Analyzer

#### **DSS:TIME:OFFSet:TREND:SCALE**

Syntax: DSS:TIME:OFFSet:TREND:SCALE

Parameter/Response:

Example: DSS:TIME:OFFSet:TREND:SCALE 1

Description: You can set time offset scale in DSS Signal Analyzer

#### **DSS:TRACe#:INFOrmation:ATTenuation**

Syntax: DSS:TRACe#:INFOrmation:ATTenuation

Parameter/Response:

Example:

Description: You can get Attenuation Information of trace# in DSS Signal Analyzer

#### **DSS:TRACe#:INFOrmation:AVERage**

Syntax: DSS:TRACe#:INFOrmation:AVERage

Description: You can get average information of trace# in DSS Signal Analyzer

#### **DSS:TRACe#:INFOrmation:DETector**

Syntax: DSS:TRACe#:INFOrmation:DETector

Parameter/Response:

Example: DSS:TRACe#:INFOrmation:DETector?

---

Description: You can get Detector Information of Trace# in DSS Signal Analyzer

#### **DSS:TRACe#:INFOrmation:EXTernal**

Syntax: DSS:TRACe#:INFOrmation:EXTernal

Description: You can get Exteneral Trace# Information in DSS Signal Analyzer

#### **DSS:TRACe#:INFOrmation:RBW**

Syntax: DSS:TRACe#:INFOrmation:RBW

Parameter/Response:

Example:

Description: You can get the RBW of trace in DSS Signal Analyzer

#### **DSS:TRACe#:INFOrmation:VBW**

Syntax: DSS:TRACe#:INFOrmation:VBW

Parameter/Response:

Example:

Description: You can get the VBW of trace in DSS Signal Analyzer

#### **DSS:TRACe#:TYPE**

Syntax: DSS:TRACe#:TYPE

Parameter/Response:

Example: DSS:TRACe01:TYPE On

Description: You can set or query trace type in DSS Signal Analyzer

#### **DSS:TRACe#:VIEW**

Syntax: DSS:TRACe#:VIEW

Parameter/Response:

Example: DSS:TRACe01:VIEW On

Description: You can set On/Off or query trace view in DSS Signal Analyzer

#### **DSS:TRACe:CAPTure**

Syntax: DSS:TRACe:CAPTure

Parameter/Response:

Example: DSS:TRACe:CAPTure

Description: You can set to capture the selected trace in DSS Signal Analyzer

#### **DSS:TRACe:CLEAR:ALL**

Syntax: DSS:TRACe:CLEAR:ALL

Parameter/Response:

Example: DSS:TRACe:CLEAR:ALL

Description: You can set the trace clear all in DSS Signal Analyzer

---

### **DSS:TRACe:HOLD:TIME**

Syntax: DSS:TRACe:HOLD:TIME

Parameter/Response:

Example: DSS:TRACe:HOLD:TIME 6

Description: You can set or query Trace Hold Time in DSS Signal Analyzer

### **DSS:TRACe:INFormation**

Syntax: DSS:TRACe:INFormation

Parameter/Response: [None | Trace01 | Trace02 | Trace03 | Trace04 | Trace05 | Trace06]

Example: DSS:TRACe:INFormation Trace06

Description: You can select the trace number to view the trace's information or None to hide the information display in DSS Signal Analyzer

### **DSS:TRACe:SElect**

Syntax: DSS:TRACe:SElect

Parameter/Response: [Trace01 | Trace02 | Trace03 | Trace04 | Trace05 | Trace06]

Example: DSS:TRACe:SElect Trace01

Description: You can select trace in DSS Signal Analyzer

### **DSS:TREND:ITEM**

Syntax: DSS:TREND:ITEM

Parameter/Response: [Offset | Power]

Example: DSS:TREND:ITEM?

Description: You can set the Frequency / Time Error Variation to Offset or Power in DSS Signal Analyzer

### **DSS:TRIGger:MODE**

Syntax: DSS:TRIGger:MODE

Parameter/Response: [Internal | External | GNSS]

Example: DSS:TRIGger:MODE External

Description: You can set the trigger mode in DSS Signal Analyzer

## **5G EMF Analysis Commands**

The commands described in this section concern the functions accessible to configure 5G EMF analysis such as Spectrum Analysis and Signal Analysis. All the commands are functions accessible with the Quick Access and Display tab key of the instrument.

---

### **EMF:AMPLitude:ATTenuation**

Syntax: EMF:AMPLitude:ATTenuation

Parameter/Response:

Example: EMF:AMPLitude:ATTenuation 10

Description: You can set attenuation value in EMF Analyzer

### **EMF:AMPLitude:LNA:MODE**

Syntax: EMF:AMPLitude:LNA:MODE

Parameter/Response: On|Off

Example: EMF:AMPLitude:LNA:MODE On

Description: You can set External LNA Mode to On or Off in EMF Analyzer

### **EMF:AMPLitude:EXT**

Syntax: EMF:AMPLitude:EXT

Parameter/Response:

Example: EMF:AMPLitude:EXT 10

Description: You can set external offset in EMF Analyzer

### **EMF:AMPLitude:EXT:MODE**

Syntax: EMF:AMPLitude:EXT:MODE

Parameter/Response: [Off | On]

Example: EMF:AMPLitude:EXT:MODE On

Description: You can set external offset mode to on or off.

### **EMF:AMPLitude:MODE**

Syntax: EMF:AMPLitude:MODE

Parameter/Response: [Auto | Couple | Manual]

Example: EMF:AMPLitude:MODE Auto

Description: You can set attenuaton mode options from Auto, Couple and Manual in EMF Analyzer

### **EMF:AMPLitude:PREAmp:FIRSt**

Syntax: EMF:AMPLitude:PREAmp:FIRSt

Parameter/Response: [Off | On]

Example: EMF:AMPLitude:PREAmp:FIRSt On

Description: You can set the first pre amplitude to on or off in EMF Analyzer

### **EMF:AMPLitude:REFeRence**

Syntax: EMF:AMPLitude:REFeRence

Parameter/Response:

Example: EMF:AMPLitude:REFeRence 10

---

Description: You can set reference level in EMF Analyzer

#### **EMF:AMPLitude:SCAL**

Syntax: EMF:AMPLitude:SCAL

Parameter/Response:

Example: EMF:AMPLitude:SCAL 10

Description: You can set amplitude scale in EMF Analyzer

#### **EMF:AMPLitude:UNIT**

Syntax: EMF:AMPLitude:UNIT

Parameter/Response: [dBuV/m | dBmV/m | dBV/m | V/m | W/m<sup>2</sup> | dBm/m<sup>2</sup> | A/m | mW/cm<sup>2</sup> | dBA/m]

Example: EMF:AMPLitude:UNIT dBm

Description: You can set amplitude scale unit in EMF Analyzer

#### **EMF:MARKer:AOff**

Syntax: EMF:MARKer:AOff

Parameter/Response:

Example: EMF:MARKer:AOff

Description: You can set markers to all of in EMF Analyzer

#### **EMF:MARKer:MOVE:CENTer**

Syntax: EMF:MARKer:MOVE:CENTer

Parameter/Response:

Example: EMF:MARKer:MOVE:CENTer

Description: You can set marker to move to center in EMF Analyzer

#### **EMF:MARKer:MOVE:START**

Syntax: EMF:MARKer:MOVE:START

Parameter/Response:

Example: EMF:MARKer:MOVE:START

Description: You can set Start Frequency to Marker position in EMF Analyzer

#### **EMF:MARKer:MOVE:STOP**

Syntax: EMF:MARKer:MOVE:STOP

Parameter/Response:

Example: EMF:MARKer:MOVE:STOP

Description: You can set Stop Frequency to Marker position in EMF Analyzer

#### **EMF:MARKer:SEARch:MIN**

Syntax: EMF:MARKer:SEARch:MIN

Parameter/Response:

---

Example: `EMF:MARKer:SEARch:MIN`

Description: You can set marker to Min Search in EMF Analyzer

#### **EMF:MARKer:SEARch:LEFT**

Syntax: `EMF:MARKer:SEARch:LEFT`

Parameter/Response:

Example: `EMF:MARKer:SEARch:LEFT`

Description: You can set marker to Next Peak Left in EMF Analyzer

#### **EMF:MARKer:SEARch:NEXT**

Syntax: `EMF:MARKer:SEARch:NEXT`

Parameter/Response:

Example: `EMF:MARKer:SEARch:NEXT`

Description: You can set marker to Next Peak in EMF Analyzer

#### **EMF:MARKer:SEARch:PEAK**

Syntax: `EMF:MARKer:SEARch:PEAK`

Parameter/Response:

Example: `EMF:MARKer:SEARch:PEAK`

Description: You can set marker to Peak Search in EMF Analyzer

#### **EMF:MARKer:SEARch:RIGHT**

Syntax: `EMF:MARKer:SEARch:RIGHT`

Parameter/Response:

Example: `EMF:MARKer:SEARch:RIGHT`

Description: You can set marker to Next Peak Right in EMF Analyzer

#### **EMF:FREQuency:SPAN:SPECTrum**

Syntax: `EMF:FREQuency:SPAN:SPECTrum`

Parameter/Response: 0 - 100 MHz

Example: `EMF:FREQuency:SPAN:SPECTrum 10.0 MHz |`  
`EMF:FREQuency:SPAN:SPECTrum?`

Description: You can set or query span frequency for Spectrum in EMF Analyzer

#### **EMF:FREQuency:START**

Syntax: `EMF:FREQuency:START`

Parameter/Response: 9 kHz - 6 GHz, 25 GHz - 40GHz

Example: `EMF:FREQuency:START 1100 MHz | EMF:FREQuency:START?`

Description: You can set or query start frequency in EMF Analyzer

#### **EMF:FREQuency:STOP**

Syntax: `EMF:FREQuency:STOP`



---

Parameter/Response: "9 kHz - 6 GHz, 25 GHz - 40GHz"

Example: `EMF:FREQUENCY:STOP 1300 MHz | EMF:FREQUENCY:STOP?`

Description: You can set or query stop frequency in EMF Analyzer

#### **EMF:INTEgrated:POWER:INSTant:UNIT**

Syntax: `EMF:INTEgrated:POWER:INSTant:UNIT`

Parameter/Response:

Example: `EMF:INTEgrated:POWER:INSTant:UNIT?`

Description: You can set or query integrated isotropic EMF power – instant unit in EMF Analyzer

#### **EMF:INTEgrated:POWER:AVG:UNIT**

Syntax: `EMF:INTEgrated:POWER:AVG:UNIT`

Parameter/Response:

Example: `EMF:INTEgrated:POWER:AVG:UNIT?`

Description: You can set or query integrated isotropic EMF power – average unit in EMF Analyzer

#### **EMF:INTEgrated:POWER:MIN:UNIT**

Syntax: `EMF:INTEgrated:POWER:MIN:UNIT`

Parameter/Response:

Example: `EMF:INTEgrated:POWER:MIN:UNIT?`

Description: You can set or query integrated isotropic EMF power – minimum unit in EMF Analyzer

#### **EMF:INTEgrated:POWER:MAX:UNIT**

Syntax: `EMF:INTEgrated:POWER:MAX:UNIT`

Parameter/Response:

Example: `EMF:INTEgrated:POWER:MAX:UNIT?`

Description: You can set or query integrated isotropic EMF power – maximum unit in EMF Analyzer

#### **EMF[:SPECTrum]:MEASure:STATus**

Syntax: `EMF[:SPECTrum]:MEASure:STATus`

Parameter/Response:

Example: `EMF:SPECTrum:MEASure:STATus?`

Description: You can set or query Spectrum measurement status in EMF Analyzer

#### **EMF:SCANner:MEASure:STATus**

Syntax: `EMF:SCANner:MEASure:STATus`

Parameter/Response:

Example: `EMF:SCANner:MEASure:STATus?`

---

Description: You can set or query Scanner measurement status in EMF Analyzer

#### **EMF:TRAFFic:MEASure:STATus**

Syntax: EMF:TRAFFic:MEASure:STATus

Parameter/Response:

Example: EMF:TRAFFic:MEASure:STATus?

Description: You can set or query Traffic Analysis measurement status in EMF Analyzer

#### **EMF:RBW**

Syntax: EMF:RBW

Parameter/Response: 1 Hz - 3 MHz

Example: EMF:RBW 200 kHz | EMF:RBW?

Description: You can set or query resolution bandwidth in EMF Analyzer

#### **EMF:RBW:MODE**

Syntax: EMF:RBW:MODE

Parameter/Response: Auto|Manual

Example: EMF:RBW:MODE Manual | EMF:RBW:MODE?

Description: You can set or query resolution bandwidth mode in EMF Analyzer

#### **EMF:VBW**

Syntax: EMF:VBW

Parameter/Response: 1 Hz - 3 MHz

Example: EMF:VBW 300 kHz | EMF:VBW?

Description: You can set or query video bandwidth in EMF Analyzer

#### **EMF:VBW:MODE**

Syntax: EMF:VBW:MODE

Parameter/Response: Auto|Manual

Example: EMF:VBW:MODE Manual | EMF:VBW:MODE?

Description: You can set or query video bandwidth mode in EMF Analyzer

#### **EMF:ANTenna:AXISselect**

Syntax: EMF:ANTenna:AXISselect

Parameter/Response: [X | Y | Z]

Example: EMF:ANTenna:AXISselect X

Description: You can set antenna axis among x, y, or z in EMF Analyzer

#### **EMF:ANTenna:LIST**

Syntax: EMF:ANTenna:LIST

Parameter/Response: [AGOS | USLP1 | USLP2 | Falcon1 | Falcon2]

---

Example: `EMF:ANTenna:LIST AGOS`

Description: You can set antenna list from the above option EMF Analyzer

### **EMF:AUTOrange**

Syntax: `EMF:AUTOrange`

Parameter/Response: `[Off | On]`

Example: `EMF:AUTOrange Off`

Description: You can set auto range to on or off in EMF Analyzer

### **EMF:AVERage**

Syntax: `EMF:AVERage`

Parameter/Response:

Example: `EMF:AVERage 10`

Description: You can set average number in EMF Analyzer

### **EMF:BANDwidth**

Syntax: `EMF:BANDwidth`

Parameter/Response:

Example: `EMF:BANDwidth 100 MHz`

Description: You can set carrier bandwidth in EMF Analyzer

### **EMF:CURREnt:AXIS**

Syntax: `EMF:CURREnt:AXIS`

Parameter/Response:

Example: `EMF:CURREnt:AXIS?`

Description: You can query selected antenna axis in EMF Analyzer

### **EMF:DWELLtime**

Syntax: `EMF:DWELLtime`

Parameter/Response:

Example: `EMF:DWELLtime 5`

Description: You can set dwell time in EMF Analyzer

### **EMF:FREQuency:BAND**

Syntax: `EMF:FREQuency:BAND`

Parameter/Response: `[FR1 | FR2]`

Example: `EMF:FREQuency:BAND FR1/EMF:FREQuency:BAND?`

Description: You can set carrier frequency range in EMF Analyzer

### **EMF:FREQuency:CENTer**

Syntax: `EMF:FREQuency:CENTer`

Parameter/Response:

---

**Example:** `EMF:FREQuency:CENTer 1000.00 MHz`  
**Description:** You can set center frequency in EMF Analyzer

#### **EMF:FREQuency:SSB:CENTer**

**Syntax:** `EMF:FREQuency:SSB:CENTer`  
**Parameter/Response:**  
**Example:** `EMF:FREQuency:SSB:CENTer 1000.00 MHz |`  
`EMF:FREQuency:SSB:CENTer?`  
**Description:** You can query SSB center frequency in EMF Analyzer

#### **EMF:FREQuency:STEP**

**Syntax:** `EMF:FREQuency:STEP`  
**Parameter/Response:**  
**Example:** `EMF:FREQuency:STEP 1000.00 MHz`  
**Description:** You can set each carrier's step frequency in EMF Analyzer

#### **EMF:HOLD**

**Syntax:** `EMF:HOLD`  
**Parameter/Response:** [Off | On]  
**Example:** `EMF:HOLD On`  
**Description:** You can set EMF hold mode on or off in EMF Analyzer

#### **EMF:INTEgrated:POWER:AVG**

**Syntax:** `EMF:INTEgrated:POWER:AVG`  
**Parameter/Response:**  
**Example:** `EMF:INTEgrated:POWER:AVG?`  
**Description:** You can query average integrated isotropic EMF power in EMF Analyzer

#### **EMF:INTEgrated:POWER:INSTant**

**Syntax:** `EMF:INTEgrated:POWER:INSTant`  
**Parameter/Response:**  
**Example:** `EMF:INTEgrated:POWER:INSTant?`  
**Description:** You can query instant integrated isotropic EMF power in EMF Analyzer

#### **EMF:INTEgrated:POWER:MAX**

**Syntax:** `EMF:INTEgrated:POWER:MAX`  
**Parameter/Response:**  
**Example:** `EMF:INTEgrated:POWER:MAX?`  
**Description:** You can query maximum integrated isotropic EMF power in EMF Analyzer

---

### **EMF:INTEgrated:POWEr:MIN**

Syntax: EMF:INTEgrated:POWEr:MIN

Parameter/Response:

Example: EMF:INTEgrated:POWEr:MIN?

Description: You can query minimum integrated isotropic EMF power in EMF Analyzer

### **EMF:MEASure:COUNT**

Syntax: EMF:MEASure:COUNT

Parameter/Response:

Example: EMF:MEASure:COUNT?

Description: You can query measurement count in EMF Analyzer

### **EMF:MEASure:TYPE**

Syntax: EMF:MEASure:TYPE

Parameter/Response: [Single | Continue]

Example: EMF:MEASure:TYPE Single

Description: You can set measurement type in EMF Analyzer

### **EMF:MEASurement:TIME:MINUte**

Syntax: EMF:MEASurement:TIME:MINUte

Parameter/Response:

Example: EMF:MEASurement:TIME:MINUte?

Description: You can query measurement time in minute in EMF Analyzer

### **EMF:MEASurement:TIME:SECOnd**

Syntax: EMF:MEASurement:TIME:SECOnd

Parameter/Response:

Example: EMF:MEASurement:TIME:SECOnd?

Description: You can query measurement time in second in EMF Analyzer

### **EMF:MEASuretime:MINset**

Syntax: EMF:MEASuretime:MINset

Parameter/Response:

Example: EMF:MEASuretime:MINset 6

Description: You can set measurement time in minute in EMF Analyzer

### **EMF:MODE:PCI**

Syntax: EMF:MODE:PCI

Parameter/Response: Auto|Manual

Example: EMF:MODE:PCI Auto | EMF:MODE:PCI?

---

Description: You can query PCI mode in EMF Analyzer

#### **EMF:MODE:SElect**

Syntax: EMF:MODE:SElect

Parameter/Response: [Measure | Axis]

Example: EMF:MODE:SElect Measure

Description: You can set EMF mode to Measure or Axis in EMF Analyzer

#### **EMF:MODE:STANdardline**

Syntax: EMF:MODE:STANdardline

Parameter/Response: [Off | On]

Example: EMF:MODE:STANdardline Off

Description: You can set standard line line to on or off in EMF Analyzer

#### **EMF:NRBEam:AVGPower**

Syntax: EMF:NRBEam:AVGPower

Parameter/Response:

Example: EMF:NRBEam:AVGPower?

Description: You can query average power of 5G NR beam analysis in EMF Analyzer

#### **EMF:NRBEam:EMFPower**

Syntax: EMF:NRBEam:EMFPower

Parameter/Response:

Example: EMF:NRBEam:EMFPower?

Description: You can query EMF power of 5G NR beam analysis in EMF Analyzer

#### **EMF:NRBEam:EXTRapolated#**

Syntax: EMF:NRBEam:EXTRapolated#

Parameter/Response:

Example: EMF:NRBEam:EXTRapolated1?

Description: You can query extrapolated number of 5G NR beam analysis in EMF Analyzer

#### **EMF:NRBEam:HISTory#:DATA**

Syntax: EMF:NRBEam:HISTory#:DATA

Parameter/Response:

Example: EMF:NRBEam:HISTory01:DATA?

Description: You can query each history data of 5G NR beam analysis in EMF Analyzer

---

### **EMF:NRBEam:HISTory:LENGth**

Syntax: EMF:NRBEam:HISTory:LENGth

Parameter/Response:

Example: EMF:NRBEam:HISTory:LENGth?

Description: You can query history length of of 5G NR beam analysis in EMF Analyzer

### **EMF:NRBEam:MAXPower**

Syntax: EMF:NRBEam:MAXPower

Parameter/Response:

Example: EMF:NRBEam:MAXPower?

Description: You can query maximum power of 5G NR beam analysis in EMF Analyzer

### **EMF:NRBEam:MINPower**

Syntax: EMF:NRBEam:MINPower

Parameter/Response:

Example: EMF:NRBEam:MINPower?

Description: You can query minimum power of 5G NR beam analysis in EMF Analyzer

### **EMF:NRBEam:PCI#**

Syntax: EMF:NRBEam:PCI#

Parameter/Response:

Example: EMF:NRBEam:PCI1?

Description: You can query PCI number of 5G NR beam analysis in EMF Analyzer

### **EMF:NRBEam:SSBIndex#**

Syntax: EMF:NRBEam:SSBIndex#

Parameter/Response:

Example: EMF:NRBEam:SSBIndex1?

Description: You can query SSB index number of 5G NR beam analysis in EMF Analyzer

### **EMF:NRBEam:SSRSRP#:ABSolute**

Syntax: EMF:NRBEam:SSRSRP#:ABSolute

Parameter/Response:

Example: EMF:NRBEam:SSRSRP1:ABSolute?

Description: You can query SSRSRP number of 5G NR beam analysis in EMF Analyzer

---

### **EMF:NRBEam:STANdard:AVGPower**

Syntax: EMF:NRBEam:STANdard:AVGPower

Parameter/Response:

Example: EMF:NRBEam:STANdard:AVGPower?

Description: You can query percent (%) of standard average power of 5G NR beam analysis in EMF Analyzer

### **EMF:NRBEam:STANdard:EMFPower**

Syntax: EMF:NRBEam:STANdard:EMFPower

Parameter/Response:

Example: EMF:NRBEam:STANdard:EMFPower?

Description: You can query percent (%) of standard EMF power of 5G NR beam analysis in EMF Analyzer

### **EMF:NRBEam:STANdard:MAXPower**

Syntax: EMF:NRBEam:STANdard:MAXPower

Parameter/Response:

Example: EMF:NRBEam:STANdard:MAXPower?

Description: You can query percent (%) of standard maximum power of 5G NR beam analysis in EMF Analyzer

### **EMF:NRBEam:STANdard:MINPower**

Syntax: EMF:NRBEam:STANdard:MINPower

Parameter/Response:

Example: EMF:NRBEam:STANdard:MINPower?

Description: You can query percent (%) of standard minimum power of 5G NR beam analysis in EMF Analyzer

### **EMF:NRMEasure:DWELL:TIME**

Syntax: EMF:NRMEasure:DWELL:TIME

Parameter/Response: 1 to 60

Example: EMF:NRMEasure:DWELL:TIME 1 |

EMF:NRMEasure:DWELL:TIME?

Description: You can set dwell time of 5G NR beam analysis in EMF Analyzer

### **EMF:NRMEasure:START:STOp**

Syntax: EMF:NRMEasure:START:STOp

Parameter/Response: Start|Stop

Example: EMF:NRMEasure:START:STOp Start |

EMF:NRMEasure:START:STOp?

Description: You can set or query start/stop of 5G NR beam analysis in EMF Analyzer



---

### **EMF:NRMEasure:TIME**

Syntax: EMF:NRMEasure:TIME

Parameter/Response: 1 to 60

Example: EMF:NRMEasure:TIME 6 | EMF:NRMEasure:TIME?

Description: You can set or query measurement time of 5G NR beam analysis in EMF Analyzer

### **EMF:PRESet**

Syntax: EMF:PRESet

Parameter/Response:

Example: EMF:PRESet

Description: You can preset EMF Analyzer

### **EMF:PRESet:MEASure**

Syntax: EMF:PRESet:MEASure

Parameter/Response:

Example: EMF:PRESet:MEASure

Description: You can preset measurement in EMF Analyzer

### **EMF:RUNTest:START**

Syntax: EMF:RUNTest:START

Parameter/Response:

Example: EMF:RUNTest:START

Description: You can run test start in EMF Analyzer

### **EMF:RUNTest:STOP**

Syntax: EMF:RUNTest:STOP

Parameter/Response:

Example: EMF:RUNTest:STOP

Description: You can run test stop in EMF Analyzer

### **EMF:SCALE:AUTO**

Syntax: EMF:SCALE:AUTO

Parameter/Response:

Example: EMF:SCALE:AUTO

Description: You can set auto scale in EMF Analyzer

### **EMF:SSB:PERIodicity**

Syntax: EMF:SSB:PERIodicity

Parameter/Response: 5ms|10ms|20ms|40ms|80ms|160ms

Example: EMF:SSB:PERIodicity 20ms | EMF:SSB:PERIodicity?

---

Description: You can set or query SSB Periodicity in EMF Analyzer

#### **EMF:SSB:SCS**

Syntax: EMF:SSB:SCS

Parameter/Response: 15 kHz|30 kHz|60 kHz

Example: EMF:SSB:SCS 15 kHz/EMF:SSB:SCS?

Description: You can set subcarrier spacing in EMF Analyzer

#### **EMF:STANDARD:LIMIT:APPLY**

Syntax: EMF:STANDARD:LIMIT:APPLY

Parameter/Response: [No\_act | Cance | Apply]

Example: EMF:STANDARD:LIMIT:APPLY Cancel

Description: You can set selected standard limit to cancel or apply in EMF Analyzer

#### **EMF:STANDARD:LIMIT:FORMULA:FIVE**

Syntax: EMF:STANDARD:LIMIT:FORMULA:FIVE

Parameter/Response:

Example: EMF:STANDARD:LIMIT:FORMULA:FIVE 0

Description: You can set formula05 value in EMF Analyzer

#### **EMF:STANDARD:LIMIT:FORMULA:FOUR**

Syntax: EMF:STANDARD:LIMIT:FORMULA:FOUR

Parameter/Response:

Example: EMF:STANDARD:LIMIT:FORMULA:FOUR 0

Description: You can set formula04 value in EMF Analyzer

#### **EMF:STANDARD:LIMIT:FORMULA:ONE**

Syntax: EMF:STANDARD:LIMIT:FORMULA:ONE

Parameter/Response:

Example: EMF:STANDARD:LIMIT:FORMULA:ONE 0

Description: You can set formula01 value in EMF Analyzer

#### **EMF:STANDARD:LIMIT:FORMULA:THREE**

Syntax: EMF:STANDARD:LIMIT:FORMULA:THREE

Parameter/Response:

Example: EMF:STANDARD:LIMIT:FORMULA:THREE 0

Description: You can set formula03 value in EMF Analyzer

#### **EMF:STANDARD:LIMIT:FORMULA:TWO**

Syntax: EMF:STANDARD:LIMIT:FORMULA:TWO

Parameter/Response:

---

Example: `EMF:STANdard:LIMIt:FORMula:TWO 0`  
Description: You can set formula02 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:LINE**

Syntax: `EMF:STANdard:LIMIt:LINE`  
Parameter/Response:  
Example: `EMF:STANdard:LIMIt:LINE?`  
Description: You can query standard limit line in EMF Analyzer

#### **EMF:STANdard:LIMIt:LOWEr:FIVE**

Syntax: `EMF:STANdard:LIMIt:LOWEr:FIVE`  
Parameter/Response:  
Example: `EMF:STANdard:LIMItlower:FIVE 0.009`  
Description: You can set lower frequency05 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:LOWEr:FOUR**

Syntax: `EMF:STANdard:LIMIt:LOWEr:FOUR`  
Parameter/Response:  
Example: `EMF:STANdard:LIMItlower:FOUR 0.009`  
Description: You can set lower frequency04 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:LOWEr:ONE**

Syntax: `EMF:STANdard:LIMIt:LOWEr:ONE`  
Parameter/Response:  
Example: `EMF:STANdard:LIMItlower:ONE 0.009`  
Description: You can set lower frequency01 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:LOWEr:THREe**

Syntax: `EMF:STANdard:LIMIt:LOWEr:THREe`  
Parameter/Response:  
Example: `EMF:STANdard:LIMItlower:THREe 0.009`  
Description: You can set lower frequency03 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:LOWEr:TWO**

Syntax: `EMF:STANdard:LIMIt:LOWEr:TWO`  
Parameter/Response:  
Example: `EMF:STANdard:LIMItlower:TWO 0.009`  
Description: You can set lower frequency02 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:PARAM:FIVE**

Syntax: `EMF:STANdard:LIMIt:PARAM:FIVE`  
Parameter/Response:

---

Example: `EMF:STANdard:LIMIt:PARAm:FIVE 0`

Description: You can set parameter05 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:PARAm:FOUR**

Syntax: `EMF:STANdard:LIMIt:PARAm:FOUR`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:PARAm:FOUR 0`

Description: You can set parameter04 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:PARAm:ONE**

Syntax: `EMF:STANdard:LIMIt:PARAm:ONE`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:PARAm:ONE 0`

Description: You can set parameter01 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:PARAm:THREe**

Syntax: `EMF:STANdard:LIMIt:PARAm:THREe`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:PARAm:THREe 0`

Description: You can set parameter03 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:PARAm:TWO**

Syntax: `EMF:STANdard:LIMIt:PARAm:TWO`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:PARAm:TWO 0`

Description: You can set parameter02 value in EMF Analyzer

#### **EMF:STANdard:LIMIt:SELEction**

Syntax: `EMF:STANdard:LIMIt:SELEction`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:SELEction 0`

Description: You can select/set the standard limit in EMF Analyzer

#### **EMF:STANdard:LIMIt:SQUAre:FIVE**

Syntax: `EMF:STANdard:LIMIt:SQUAre:FIVE`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:SQUAre:FIVE 0`

Description: You can set square05 value in standard limit in EMF Analyzer

#### **EMF:STANdard:LIMIt:SQUAre:FOUR**

Syntax: `EMF:STANdard:LIMIt:SQUAre:FOUR`

Parameter/Response:

---

Example: `EMF:STANdard:LIMIt:SQUAre:FOUR 0`

Description: You can set square04 value in standard limit in EMF Analyzer

#### **EMF:STANdard:LIMIt:SQUAre:ONE**

Syntax: `EMF:STANdard:LIMIt:SQUAre:ONE`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:SQUAre:ONE 0`

Description: You can set square01 value in standard limit in EMF Analyzer

#### **EMF:STANdard:LIMIt:SQUAre:THREe**

Syntax: `EMF:STANdard:LIMIt:SQUAre:THREe`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:SQUAre:THREe 0`

Description: You can set square03 value in standard limit in EMF Analyzer

#### **EMF:STANdard:LIMIt:SQUAre:TWO**

Syntax: `EMF:STANdard:LIMIt:SQUAre:TWO`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:SQUAre:TWO 0`

Description: You can set square02 value in standard limit in EMF Analyzer

#### **EMF:STANdard:LIMIt:UPPEr:FIVE**

Syntax: `EMF:STANdard:LIMIt:UPPEr:FIVE`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:UPPEr:FIVE 0.009`

Description: You can set upper frequency05 value in standard limit in EMF Analyzer

#### **EMF:STANdard:LIMIt:UPPEr:FOUR**

Syntax: `EMF:STANdard:LIMIt:UPPEr:FOUR`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:UPPEr:FOUR 0.009`

Description: You can set upper frequency04 value in standard limit in EMF Analyzer

#### **EMF:STANdard:LIMIt:UPPEr:ONE**

Syntax: `EMF:STANdard:LIMIt:UPPEr:ONE`

Parameter/Response:

Example: `EMF:STANdard:LIMIt:UPPEr:ONE 0.009`

Description: You can set upper frequency01 value in standard limit in EMF Analyzer

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### **EMF:STANdard:LIMIt:UPPEr:THREe**

Syntax: EMF:STANdard:LIMIt:UPPEr:THREe

Parameter/Response:

Example: EMF:STANdard:LIMIt:UPPEr:THREe 0.009

Description: You can set upper frequency03 value in standard limit in EMF Analyzer

### **EMF:STANdard:LIMIt:UPPEr:TWO**

Syntax: EMF:STANdard:LIMIt:UPPEr:TWO

Parameter/Response:

Example: EMF:STANdard:LIMIt:UPPEr:TWO 0.009

Description: You can set upper frequency02 value in standard limit in EMF Analyzer

### **EMF:SYNC:RASTer:OFFSet**

Syntax: EMF:SYNC:RASTer:OFFSet

Parameter/Response: 0 to 253

Example: EMF:SYNC:RASTer:OFFSet 252 | EMF:SYNC:RASTer:OFFSet?

Description: You can set or query sync raster offset in EMF Analyzer

### **EMF:SYNC:SCS:OFFSet**

Syntax: EMF:SYNC:SCS:OFFSet

Parameter/Response:

Example: EMF:SYNC:SCS:OFFSet 0 | EMF:SYNC:SCS:OFFSet?

Description: You can set or query sync SCS offset in EMF Analyzer

### **EMF:TRACe:INFO:CLEAr**

Syntax: EMF:TRACe:INFO:CLEAr

Parameter/Response:

Example: EMF:TRACe:INFO:CLEAr

Description: You can set trace information clear in EMF Analyzer

### **EMF:VALUe:MAXL**

Syntax: EMF:VALUe:MAXL

Parameter/Response: 4|8|64

Example: EMF:VALUe:MAXL 8 | EMF:VALUe:MAXL?

Description: You can set or query maximum L value in EMF Analyzer

### **EMF:VALUe:PCI**

Syntax: EMF:VALUe:PCI

Parameter/Response:

---

Example: `EMF:VALUE:PCI 178 | EMF:VALUE:PCI?`  
Description: You can set or query PCI value in EMF Analyzer

### **EMF:WINDow:CHANge**

Syntax: `EMF:WINDow:CHANge`  
Parameter/Response: `[Spectrum | Integrated]`  
Example: `EMF:WINDow:CHANge Spectrum`  
Description: You can set measurement window to Spectrum or Integrated in EMF Analyzer

### **EMF:ANTCable:ANTFactor**

Syntax: `EMF:ANTCable:ANTFactor`  
Parameter/Response: `On|Off`  
Example: `EMF:ANTCable:ANTFactor Off | EMF:ANTCable:ANTFactor?`  
Description: You can set Antenna Factor to On or Off or query Antenna Factor in EMF Analyzer

### **EMF:ANTCable:CABLEloss**

Syntax: `EMF:ANTCable:CABLEloss`  
Parameter/Response: `On|Off`  
Example: `EMF:ANTCable:CABLEloss Off | EMF:ANTCable:CABLEloss?`  
Description: You can set Cable Loss to On or Off or query Cable Loss in EMF Analyzer

### **EMF:ANTCable:ANTValue**

Syntax: `EMF:ANTCable:ANTValue`  
Parameter/Response:  
Example: `EMF:ANTCable:ANTValue 5 | EMF:ANTCable:ANTValue?`  
Description: You can set or query Antenna Factor value in EMF Analyzer

### **EMF:ANTCable:CABValue**

Syntax: `EMF:ANTCable:CABValue`  
Parameter/Response:  
Example: `EMF:ANTCable:CABValue 5 | EMF:ANTCable:CABValue?`  
Description: You can set or query Cable Loss value in EMF Analyzer

### **EMF:TSTConfig:ULDLconfig**

Syntax: `EMF:TSTConfig:ULDLconfig`  
Parameter/Response: `Simple`  
Example: `EMF:TSTConfig:ULDLconfig Simple | EMF:TSTConfig:ULDLconfig?`  
Description: You can set or query UL DL Config method in EMF Analyzer

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## 5G Blind Scanner Analysis Commands

The commands described in this section concern the functions accessible to configure 5G Blind Scanner analysis. All the commands are functions accessible with the Quick Access and Display tab key of the instrument.

### **BLINDscanner:AMPLitude:REFerence**

Syntax: BLINDscanner:AMPLitude:REFerence

Parameter/Response:

Example: BLINDscanner:AMPLitude:REFerence 10

Description: You can set Reference Level in Blind Scanner

### **BLINDscanner:AMPLitude:REFerence:MODE**

Syntax: BLINDscanner:AMPLitude:REFerence:MODE

Parameter/Response: [Relative | Absolute]

Example: BLINDscanner:AMPLitude:REFerence:MODE

Description: You can set or query Reference Mode in Blind Scanner

### **BLINDscanner:AMPLitude:SCAL**

Syntax: BLINDscanner:AMPLitude:SCAL

Parameter/Response:

Example: BLINDscanner:AMPLitude:SCAL?

Description: You can set or query amplitude scale in Blind Scanner

### **BLINDscanner:AMPLitude:UNIT**

Syntax: BLINDscanner:AMPLitude:UNIT

Parameter/Response: [dBm | dBV | dBmV | dBuV | V | W]

Example: BLINDscanner:AMPLitude:UNIT?

Description: You can set or query amplitude scale unit in Blind Scanner

### **BLINDscanner:CHART:SEARch:LAUNCh**

Syntax: BLINDscanner:CHART:SEARch:LAUNCh

Parameter/Response:

Example: BLINDscanner:CHART:SEARch:LAUNCh

Description: You can launch bar chart index number with its target technology mode in Blind Scanner

### **BLINDscanner:CHART:SEARch:LAUNCh:SELEct**

Syntax: BLINDscanner:CHART:SEARch:LAUNCh:SELEct

Parameter/Response: 0 ~ the number of detected list



---

**Example:** `BLINDscanner:CHART:SEARCH:LAUNCH:SELEct 0 |`  
`BLINDscanner:CHART:SEARCH:LAUNCH:SELEct?`

**Description:** You can select launch bar chart index number with its target technology mode in Blind Scanner

#### **BLINDscanner:CHART:SEARCH:LAUNCH:MODE**

**Syntax:** `BLINDscanner:CHART:SEARCH:LAUNCH:MODE`

**Parameter/Response:** `interference|signal`

**Example:** `BLINDscanner:CHART:SEARCH:LAUNCH:MODE interference |`  
`BLINDscanner:CHART:SEARCH:LAUNCH:MODE?`

**Description:** You can query or launch each measurement mode in Blind Scanner

#### **BLINDscanner:CHART:SEARCH:LAUNCH:INTERference:MODE**

**Syntax:** `BLINDscanner:CHART:SEARCH:LAUNCH:INTERference:MODE`

**Parameter/Response:** `GatedSweep|TDDAuto`

**Example:** `BLINDscanner:CHART:SEARCH:LAUNCH:INTERference:MODE?`

**Description:** You can query or set Interference Mode for App launch in Blind Scanner

#### **BLINDscanner:FR2:CHART:SEARCH:LAUNCH:INTERference:MODE**

**Syntax:** `BLINDscanner:FR2:CHART:SEARCH:LAUNCH:INTERference:MODE`

**Parameter/Response:** `GatedSweep|TDDAuto`

**Example:**

`BLINDscanner:FR2:CHART:SEARCH:LAUNCH:INTERference:MODE?`

**Description:** You can query or set Interference Mode for App launch (FR2) in Blind Scanner

#### **BLINDscanner:CHART:SEARCH:LAUNCH:FREQuency:MODE**

**Syntax:** `BLINDscanner:CHART:SEARCH:LAUNCH:FREQuency:MODE`

**Parameter/Response:** `On|Off`

**Example:** `BLINDscanner:CHART:SEARCH:LAUNCH:FREQuency:MODE?`

**Description:** You can set 'add result data to center frequency list' to on or off in Blind Scanner

#### **BLINDscanner:FR2:CHART:SEARCH:LAUNCH:FREQuency:MODE**

**Syntax:** `BLINDscanner:FR2:CHART:SEARCH:LAUNCH:FREQuency:MODE`

**Parameter/Response:** `On|Off`

**Example:** `BLINDscanner:FR2:CHART:SEARCH:LAUNCH:FREQuency:MODE?`

**Description:** You can set 'add result data to center frequency list' to on or off in Blind Scanner (FR2)

#### **BLINDscanner:CHART:SEARCH:SELEct**

**Syntax:** `BLINDscanner:CHART:SEARCH:SELEct`

---

Parameter/Response:

Example: `BLINDscanner:CHART:SEARCH:SELEct 0 |`

`BLINDscanner:CHART:SEARCH:SELEct?`

Description: You can query or search bar chart index number in Blind Scanner

#### **BLINDscanner:FREQuency:RANGe**

Syntax: `BLINDscanner:FREQuency:RANGe`

Parameter/Response: [Basic | DNC | Over6G]

Example: `BLINDscanner:FREQuency:RANGe Basic`

Description: You can set frequency range in Blind Scanner

#### **BLINDscanner:HOLD**

Syntax: `BLINDscanner:HOLD`

Parameter/Response: [Off | On]

Example: `BLINDscanner:HOLD On`

Description: You can set Blind Scanner hold mode on or off in Blind Scanner

#### **BLINDscanner:SCAN:DETEcted:BANDwidth**

Syntax: `BLINDscanner:SCAN:DETEcted:BANDwidth`

Parameter/Response:

Example: `BLINDscanner:SCAN:DETEcted:BANDwidth?`

Description: You can query bandwidth from the detected list in Blind Scanner

#### **BLINDscanner:SCAN:DETEcted:FREQuency**

Syntax: `BLINDscanner:SCAN:DETEcted:FREQuency`

Parameter/Response:

Example: `BLINDscanner:SCAN:DETEcted:FREQuency?`

Description: You can query frequency from the detected list in Blind Scanner

#### **BLINDscanner:SCAN:DETEcted:LENGth**

Syntax: `BLINDscanner:SCAN:DETEcted:LENGth`

Parameter/Response:

Example: `BLINDscanner:SCAN:DETEcted:LENGth?`

Description: You can query the number of detected lists in Blind Scanner

#### **BLINDscanner:SCAN:DETEcted:POWErofchannel**

Syntax: `BLINDscanner:SCAN:DETEcted:POWErofchannel`

Parameter/Response:

Example: `BLINDscanner:SCAN:DETEcted:POWErofchannel?`

Description: You can query channel power from the detected list in Blind Scanner

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### **BLINDscanner:SCAN:DETEcted:SSBFrequency**

Syntax: BLINDscanner:SCAN:DETEcted:SSBFrequency

Parameter/Response:

Example: BLINDscanner:SCAN:DETEcted:SSBFrequency?

Description: You can query SSB frequency from the detected list in Blind Scanner

### **BLINDscanner:SCAN:DETEcted:TECHnology**

Syntax: BLINDscanner:SCAN:DETEcted:TECHnology

Parameter/Response:

Example: BLINDscanner:SCAN:DETEcted:TECHnology?

Description: You can query Technology from the detected list in Blind Scanner

### **BLINDscanner:SEARch:BAND:LIST:CLEAr**

Syntax: BLINDscanner:SEARch:BAND:LIST:CLEAr

Parameter/Response:

Example: BLINDscanner:SEARch:BAND:LIST:CLEAr

Description: You can clear all the searched band lists in Blind Scanner

### **BLINDscanner:SEARch:BAND:LIST:FREQuencyrange**

Syntax: BLINDscanner:SEARch:BAND:LIST:FREQuencyrange

Parameter/Response:

Example: BLINDscanner:SEARch:BAND:LIST:FREQuencyrange?

Description: You can query frequency range from the band list in Blind Scanner

### **BLINDscanner:SEARch:BAND:LIST:LENGth**

Syntax: BLINDscanner:SEARch:BAND:LIST:LENGth

Parameter/Response:

Example: BLINDscanner:SEARch:BAND:LIST:LENGth?

Description: You can query the number of band lists for band search in Blind Scanner

### **BLINDscanner:SEARch:BAND:LIST:NAME**

Syntax: BLINDscanner:SEARch:BAND:LIST:NAME

Parameter/Response:

Example: BLINDscanner:SEARch:BAND:LIST:NAME?

Description: You can search and query the name of band from the band list in Blind Scanner

### **BLINDscanner:SEARch:BAND:LIST:OPTIons**

Syntax: BLINDscanner:SEARch:BAND:LIST:OPTIons

---

Parameter/Response:

Example: `BLINDscanner:SEARCh:BAND:LIST:OPTions?`

Description: You can query the options from the band list: LTE\_FDD (1), LTE\_TDD (2), NR (4), DSS\_FDD (8) and DSS\_TDD (16). Bit Operation : If LTE\_FDD, NR and DSS\_FDD, the value will be 13(0x0000000D : LTE\_FDD | NR | DSS\_FDD

### **BLINDscanner:SEARCh:BAND:LIST:TECHnology**

Syntax: `BLINDscanner:SEARCh:BAND:LIST:TECHnology`

Parameter/Response:

Example: `BLINDscanner:SEARCh:BAND:LIST:TECHnology?`

Description: You can search and query Technology from the band list in Blind Scanner

### **BLINDscanner:SEARCh:BAND:SELEcted:NAME**

Syntax: `BLINDscanner:SEARCh:BAND:SELEcted:NUMBer`

Parameter/Response:

Example: `BLINDscanner:SEARCh:BAND:SELEcted:NAME?`

Description: You can set or query the selected band name from the band search list in Blind Scanner

### **BLINDscanner:SEARCh:BAND:SELEcted:STATus**

Syntax: `BLINDscanner:SEARCh:BAND:SELEcted:STATus`

Parameter/Response: "LTE\_FDD (1), LTE\_TDD (2), NR (4), DSS\_FDD (8) and DSS\_TDD (16). Bit Operation : If LTE\_FDD, NR and DSS\_FDD, the value will be 13(0x0000000D : LTE\_FDD | NR | DSS\_FDD )"

Example: `BLINDscanner:SEARCh:BAND:SELEcted:STATus 0`

Description: You can set the status of the selected index number from the band search list in Blind Scanner

### **BLINDscanner:SEARCh:DSS:LTE:CONFig:BANDwidth**

Syntax: `BLINDscanner:SEARCh:DSS:LTE:CONFig:BANDwidth`

Parameter/Response: On|Off

Example: `BLINDscanner:SEARCh:DSS:LTE:CONFig:BANDwidth On | BLINDscanner:SEARCh:DSS:LTE:CONFig:BANDwidth?`

Description: You can set or query DSS LTE decoding bandwidth to On or Off in Blind Scanner

### **BLINDscanner:SEARCh:DSS:LTE:CONFig:CP**

Syntax: `BLINDscanner:SEARCh:DSS:LTE:CONFig:CP`

Parameter/Response: Normal|Extended

Example: `BLINDscanner:SEARCh:DSS:LTE:CONFig:CP Normal | BLINDscanner:SEARCh:DSS:LTE:CONFig:CP?`

Description: You can query or set DSS LTE CP Type in Blind Scanner

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### **BLINDscanner:SEARCh:DSS:NR:CONFig:PERIod**

Syntax: BLINDscanner:SEARCh:DSS:NR:CONFig:PERIod

Parameter/Response: '5ms' | '10ms' | '20ms' | '40ms' | '80ms' | '160ms'

Example: BLINDscanner:SEARCh:DSS:NR:CONFig:PERIod '5ms' |  
BLINDscanner:SEARCh:DSS:NR:CONFig:PERIod?

Description: You can set or query DSS NR Periodicity in Blind Scanner

### **BLINDscanner:SEARCh:DSS:NR:CONFig:SCS**

Syntax: BLINDscanner:SEARCh:DSS:NR:CONFig:SCS

Parameter/Response: '15kHz'

Example: BLINDscanner:SEARCh:DSS:NR:CONFig:SCS '15kHz' |  
BLINDscanner:SEARCh:DSS:NR:CONFig:SCS?

Description: You can set or query DSS NR SCS in Blind Scanner

### **BLINDscanner:SEARCh:DSS:NR:CONFig:TYPE**

Syntax: BLINDscanner:SEARCh:DSS:NR:CONFig:TYPE

Parameter/Response: GSCN|ARFCN

Example: BLINDscanner:SEARCh:DSS:NR:CONFig:TYPE GSCN |  
BLINDscanner:SEARCh:DSS:NR:CONFig:TYPE?

Description: You can set or query DSS NR Search Type in Blind Scanner

### **BLINDscanner:SEARCh:FREQuency:START**

Syntax: BLINDscanner:SEARCh:FREQuency:START

Parameter/Response: MHz

Example: BLINDscanner:SEARCh:FREQuency:START 1000.00

Description: You can set Start Frequency in Blind Scanner

### **BLINDscanner:SEARCh:FREQuency:STOP**

Syntax: BLINDscanner:SEARCh:FREQuency:STOP

Parameter/Response: MHz

Example: BLINDscanner:SEARCh:FREQuency:STOP 1000.00

Description: You can set Stop Frequency in Blind Scanner

### **BLINDscanner:SEARCh:FULL:NR5G**

Syntax: BLINDscanner:SEARCh:FULL:5GNR

Parameter/Response: On|Off

Example: BLINDscanner:SEARCh:FULL:NR5G On |  
BLINDscanner:SEARCh:FULL:NR5G?

Description: You can set or query Full Search 5GNR to On or Off in Blind Scanner

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### **BLINDscanner:SEARCh:FULL:DSS:FDD**

Syntax: BLINDscanner:SEARCh:FULL:DSS:FDD

Parameter/Response: On|Off

Example: BLINDscanner:SEARCh:FULL:DSS:FDD On |

BLINDscanner:SEARCh:FULL:DSS:FDD?

Description: You can set or query Full Search DSS FDD to On or Off in Blind Scanner

### **BLINDscanner:SEARCh:FULL:DSS:TDD**

Syntax: BLINDscanner:SEARCh:FULL:DSS:TDD

Parameter/Response: On|Off

Example: BLINDscanner:SEARCh:FULL:DSS:TDD On |

BLINDscanner:SEARCh:FULL:DSS:TDD?

Description: You can set or query Full Search DSS TDD to On or Off in Blind Scanner

### **BLINDscanner:SEARCh:FULL:LTE:FDD**

Syntax: BLINDscanner:SEARCh:FULL:LTE:FDD

Parameter/Response: On|Off

Example: BLINDscanner:SEARCh:FULL:LTE:FDD On |

BLINDscanner:SEARCh:FULL:LTE:FDD?

Description: You can set or query Full Search LTE FDD to On or Off in Blind Scanner

### **BLINDscanner:SEARCh:FULL:LTE:TDD**

Syntax: BLINDscanner:SEARCh:FULL:LTE:TDD

Parameter/Response: On|Off

Example: BLINDscanner:SEARCh:FULL:LTE:TDD On |

BLINDscanner:SEARCh:FULL:LTE:TDD?

Description: You can set or query Full Search LTE TDD to On or Off in Blind Scanner

### **BLINDscanner:SEARCh:LTE:CONFig:BANDwidth**

Syntax: BLINDscanner:SEARCh:LTE:CONFig:BANDwidth

Parameter/Response: On|Off

Example: BLINDscanner:SEARCh:LTE:CONFig:BANDwidth On |

BLINDscanner:SEARCh:LTE:CONFig:BANDwidth?

Description: You can set or query LTE decoding bandwidth to On or Off in Blind Scanner

### **BLINDscanner:SEARCh:LTE:CONFig:CP**

Syntax: BLINDscanner:SEARCh:LTE:CONFig:CP

Parameter/Response: Normal|Extended

---

**Example:** `BLINDscanner:SEARCh:LTE:CONFIg:CP Normal |`  
`BLINDscanner:SEARCh:LTE:CONFIg:CP?`  
**Description:** You can set or query LTE CP Type in Blind Scanner

#### **BLINDscanner:SEARCh:NR:CONFIg:BANDwidth**

**Syntax:** `BLINDscanner:SEARCh:NR:CONFIg:BANDwidth`  
**Parameter/Response:** `On|Off`  
**Example:** `BLINDscanner:SEARCh:NR:CONFIg:BANDwidth On |`  
`BLINDscanner:SEARCh:NR:CONFIg:BANDwidth?`  
**Description:** You can set or query NR decoding bandwidth to On or Off in Blind Scanner

#### **BLINDscanner:SEARCh:NR:CONFIg:PERIod**

**Syntax:** `BLINDscanner:SEARCh:NR:CONFIg:PERIod`  
**Parameter/Response:** `'5ms' | '10ms' | '20ms' | '40ms' | '80ms' | '160ms'`  
**Example:** `BLINDscanner:SEARCh:NR:CONFIg:PERIod '5ms' |`  
`BLINDscanner:SEARCh:NR:CONFIg:PERIod?`  
**Description:** You can set or query NR Periodicity in Blind Scanner

#### **BLINDscanner:SEARCh:NR:CONFIg:SCS**

**Syntax:** `BLINDscanner:SEARCh:NR:CONFIg:SCS`  
**Parameter/Response:** `'15kHz' | '30kHz'`  
**Example:** `BLINDscanner:SEARCh:NR:CONFIg:SCS '15kHz' |`  
`BLINDscanner:SEARCh:NR:CONFIg:SCS?`  
**Description:** You can set or query NR SCS in Blind Scanner

#### **BLINDscanner:SEARCh:NR:CONFIg:TYPE**

**Syntax:** `BLINDscanner:SEARCh:NR:CONFIg:TYPE`  
**Parameter/Response:** `GSCN|ARFCN`  
**Example:** `BLINDscanner:SEARCh:NR:CONFIg:TYPE GSCN |`  
`BLINDscanner:SEARCh:NR:CONFIg:TYPE?`  
**Description:** You can set or query NR Search Type in Blind Scanner

#### **BLINDscanner:SEARCh:STATus**

**Syntax:** `BLINDscanner:SEARCh:STATus`  
**Parameter/Response:** `start|stop`  
**Example:** `BLINDscanner:SEARCh:STATus start |`  
`BLINDscanner:SEARCh:STATus?`  
**Description:** You can set or query Search Status in Blind Scanner

#### **BLINDscanner:SEARCh:TYPE**

**Syntax:** `BLINDscanner:SEARCh:TYPE`  
**Parameter/Response:** `full|band`

---

**Example:** `BLINDscanner:SEARCH:TYPE full |`  
`BLINDscanner:SEARCH:TYPE?`  
**Description:** You can set or query Search Type in Blind Scanner

#### **BLINDscanner:FR2:AMPLitude:REference**

**Syntax:** `BLINDscanner:FR2:AMPLitude:REference`  
**Parameter/Response:**  
**Example:** `BLINDscanner:FR2:AMPLitude:REference 10`  
**Description:** You can set Reference Level in Blind Scanner FR 2

#### **BLINDscanner:FR2:AMPLitude:REference:MODE**

**Syntax:** `BLINDscanner:FR2:AMPLitude:REference:MODE`  
**Parameter/Response:**  
**Example:** `BLINDscanner:FR2:AMPLitude:REference:MODE?`  
**Description:** You can set or query Reference Mode in Blind Scanner FR2

#### **BLINDscanner:FR2:AMPLitude:SCAL**

**Syntax:** `BLINDscanner:FR2:AMPLitude:SCAL`  
**Parameter/Response:**  
**Example:** `BLINDscanner:FR2:AMPLitude:SCAL?`  
**Description:** You can set or query amplitude scale in Blind Scanner FR2

#### **BLINDscanner:FR2:AMPLitude:UNIT**

**Syntax:** `BLINDscanner:FR2:AMPLitude:UNIT`  
**Parameter/Response:**  
**Example:** `BLINDscanner:FR2:AMPLitude:UNIT?`  
**Description:** You can set or query amplitude scale unit in Blind Scanner FR2

#### **BLINDscanner:FR2:CHART:SEARCH:LAUNCh:MODE**

**Syntax:** `BLINDscanner:FR2:CHART:SEARCH:LAUNCh:MODE`  
**Parameter/Response:** `interference|signal`  
**Example:** `BLINDscanner:FR2:CHART:SEARCH:LAUNCh:MODE`  
`interference | BLINDscanner:FR2:CHART:SEARCH:LAUNCh:MODE?`  
**Description:** You can query or launch each measurement mode in Blind Scanner FR2

#### **BLINDscanner:FR2:CHART:SEARCH:LAUNCh:SELEct**

**Syntax:** `BLINDscanner:FR2:CHART:SEARCH:LAUNCh:SELEct`  
**Parameter/Response:** `0 ~ the number of detected list`  
**Example:** `BLINDscanner:FR2:CHART:SEARCH:LAUNCh:SELEct 0 |`  
`BLINDscanner:FR2:CHART:SEARCH:LAUNCh:SELEct?`  
**Description:** You can select launch bar chart index number with its target technology mode in Blind Scanner FR2



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### **BLINDscanner:FR2:CHART:SEARCh:SELEct**

Syntax: BLINDscanner:FR2:CHART:SEARCh:SELEct

Parameter/Response:

Example: BLINDscanner:FR2:CHART:SEARCh:SELEct 0 |

BLINDscanner:FR2:CHART:SEARCh:SELEct?

Description: You can query or search bar chart index number in Blind Scanner FR2

### **BLINDscanner:FR2:SEARCh:BAND:LIST:FREQuencyrange**

Syntax: BLINDscanner:FR2:SEARCh:BAND:LIST:FREQuencyrange

Parameter/Response:

Example: BLINDscanner:FR2:SEARCh:BAND:LIST:FREQuencyrange?

Description: You can query frequency range from the band list in Blind Scanner FR2

### **BLINDscanner:FR2:SEARCh:BAND:LIST:LENGth**

Syntax: BLINDscanner:FR2:SEARCh:BAND:LIST:LENGth

Parameter/Response:

Example: BLINDscanner:FR2:SEARCh:BAND:LIST:LENGth?

Description: You can query the number of band lists for band search in Blind Scanner FR2

### **BLINDscanner:FR2:SEARCh:BAND:LIST:NAME**

Syntax: BLINDscanner:FR2:SEARCh:BAND:LIST:NAME

Parameter/Response:

Example: BLINDscanner:FR2:SEARCh:BAND:LIST:NAME?

Description: You can search and query the name of band from the band list in Blind Scanner FR2

### **BLINDscanner:FR2:SEARCh:BAND:LIST:OPTions**

Syntax: BLINDscanner:FR2:SEARCh:BAND:LIST:OPTions

Parameter/Response:

Example: BLINDscanner:FR2:SEARCh:BAND:LIST:OPTions?

Description: You can query the options from the band list: NR (4), None (0) in Blind Scanner FR2

### **BLINDscanner:FR2:SEARCh:BAND:LIST:TECHnology**

Syntax: BLINDscanner:FR2:SEARCh:BAND:LIST:TECHnology

Parameter/Response:

Example: BLINDscanner:FR2:SEARCh:BAND:LIST:TECHnology?

Description: You can search and query Technology from the band list in Blind Scanner FR2

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### **BLINDscanner:FR2:SEARch:BAND:SELEcted:NAME**

Syntax: BLINDscanner:FR2:SEARch:BAND:SELEcted:NAME

Parameter/Response: Selected band name

Example: BLINDscanner:FR2:SEARch:BAND:SELEcted:NAME?

Description: You can set or query the selected band name from the band search list in Blind Scanner FR2

### **BLINDscanner:FR2:SEARch:BAND:SELEcted:STATus**

Syntax: BLINDscanner:FR2:SEARch:BAND:SELEcted:STATus

Parameter/Response: "NR (4), None (0)"

Example: BLINDscanner:FR2:SEARch:BAND:SELEcted:STATus 0

Description: You can set the status of the selected index number from the band search list in Blind Scanner FR2

### **BLINDscanner:FR2:SEARch:FREQuency:START**

Syntax: BLINDscanner:FR2:SEARch:FREQuency:START

Parameter/Response: MHz

Example: BLINDscanner:FR2:SEARch:FREQuency:START 24000.00

Description: You can set Start Frequency in Blind Scanner FR2

### **BLINDscanner:FR2:SEARch:FREQuency:STOP**

Syntax: BLINDscanner:FR2:SEARch:FREQuency:STOP

Parameter/Response: MHz

Example: BLINDscanner:FR2:SEARch:FREQuency:STOP 40000.00

Description: You can set Stop Frequency in Blind Scanner FR2

### **BLINDscanner:FR2:SEARch:FULL:NR5G**

Syntax: BLINDscanner:FR2:SEARch:FULL:NR5G

Parameter/Response: On|Off

Example: BLINDscanner:FR2:SEARch:FULL:NR5G On |

BLINDscanner:FR2:SEARch:FULL:NR5G?

Description: You can set or query Full Search 5GNR to On or Off in Blind Scanner FR2

### **BLINDscanner:FR2:SEARch:NR:CONFig:PERIod**

Syntax: BLINDscanner:FR2:SEARch:NR:CONFig:PERIod

Parameter/Response: '5ms'|'10ms'|'20ms'|'40ms'|'80ms'|'160ms'

Example: BLINDscanner:FR2:SEARch:NR:CONFig:PERIod '5ms' |

BLINDscanner:FR2:SEARch:NR:CONFig:PERIod?

Description: You can set or query NR Periodicity in Blind Scanner FR2

---

### **BLINDscanner:FR2:SEARCh:NR:CONFig:SCS**

Syntax: BLINDscanner:FR2:SEARCh:NR:CONFig:SCS

Parameter/Response: '60kHz' | '120kHz' | '240kHz'

Example: BLINDscanner:FR2:SEARCh:NR:CONFig:SCS '120kHz' |

BLINDscanner:FR2:SEARCh:NR:CONFig:SCS?

Description: You can set or query NR SCS in Blind Scanner FR2

### **BLINDscanner:FR2:SEARCh:NR:CONFig:TYPE**

Syntax: BLINDscanner:FR2:SEARCh:NR:CONFig:TYPE

Parameter/Response: GSCN | ARFCN

Example: BLINDscanner:FR2:SEARCh:NR:CONFig:TYPE GSCN |

BLINDscanner:FR2:SEARCh:NR:CONFig:TYPE?

Description: You can set or query NR Search Type in Blind Scanner FR2

### **BLINDscanner:FR2:SEARCh:STATUs**

Syntax: BLINDscanner:FR2:SEARCh:STATUs

Parameter/Response: start | stop

Example: BLINDscanner:FR2:SEARCh:STATUs start |

BLINDscanner:FR2:SEARCh:STATUs?

Description: You can set or query Search Status in Blind Scanner FR2

### **BLINDscanner:FR2:SEARCh:TYPE**

Syntax: BLINDscanner:FR2:SEARCh:TYPE

Parameter/Response: full | band

Example: BLINDscanner:FR2:SEARCh:TYPE full |

BLINDscanner:FR2:SEARCh:TYPE?

Description: You can set or query Search Type in Blind Scanner FR2

### **BLINDscanner:SCAN:FR2:DETEcted:BANDwidth**

Syntax: BLINDscanner:SCAN:FR2:DETEcted:BANDwidth

Parameter/Response:

Example: BLINDscanner:SCAN:FR2:DETEcted:BANDwidth?

Description: You can query bandwidth from the detected list in Blind Scanner FR2

### **BLINDscanner:SCAN:FR2:DETEcted:FREQuency**

Syntax: BLINDscanner:SCAN:FR2:DETEcted:FREQuency

Parameter/Response:

Example: BLINDscanner:SCAN:FR2:DETEcted:FREQuency?

Description: You can query frequency from the detected list in Blind Scanner FR2

---

### **BLINDscanner:SCAN:FR2:DETEcted:LENGth**

Syntax: BLINDscanner:SCAN:FR2:DETEcted:LENGth

Parameter/Response:

Example: BLINDscanner:SCAN:FR2:DETEcted:LENGth?

Description: You can query the number of detected lists in Blind Scanner FR2

### **BLINDscanner:SCAN:FR2:DETEcted:POWErofchannel**

Syntax: BLINDscanner:SCAN:FR2:DETEcted:POWErofchannel

Parameter/Response:

Example: BLINDscanner:SCAN:FR2:DETEcted:POWErofchannel?

Description: You can query channel power from the detected list in Blind Scanner FR2

### **BLINDscanner:SCAN:FR2:DETEcted:SSBFrequency**

Syntax: BLINDscanner:SCAN:FR2:DETEcted:SSBFrequency

Parameter/Response:

Example: BLINDscanner:SCAN:FR2:DETEcted:SSBFrequency?

Description: You can query SSB frequency from the detected list in Blind Scanner FR2

### **BLINDscanner:SCAN:FR2:DETEcted:TECHnology**

Syntax: BLINDscanner:SCAN:FR2:DETEcted:TECHnology

Parameter/Response:

Example: BLINDscanner:SCAN:FR2:DETEcted:TECHnology?

Description: You can query Technology from the detected list in Blind Scanner FR2

## **RAN Analysis Commands**

The commands described in this section concern the functions accessible to configure RAN analysis. All the commands are functions accessible with the Quick Access and Display tab key of the instrument.

### **RAN:AMPLitude:LINearity**

Syntax: RAN:AMPLitude:LINearity

Parameter/Response: Normal|High

Example: RAN:AMPLitude:LINearity High

Description: You can set Linearity mode to Normal or High in RAN Analyzer

### **RAN:AMPLitude:LNA:MODE**

Syntax: RAN:AMPLitude:LNA:MODE

Parameter/Response: On|Off

---

Example: `RAN:AMPLitude:LNA:MODE On`

Description: You can set External LNA Mode to On or Off in RAN Analyzer

### **RAN:AMPLitude:PREAmp:AUTO**

Syntax: `RAN:AMPLitude:PREAmp:AUTO`

Parameter/Response: `On|Off`

Example: `RAN:AMPLitude:PREAmp:AUTO On`

Description: You can set Auto Preamp to On or Off in RAN Analyzer

### **RAN:AMPLitude:ATTenuation**

Syntax: `RAN:AMPLitude:ATTenuation`

Parameter/Response: `0 - 55`

Example: `RAN:AMPLitude:ATTenuation 10 | RAN:AMPLitude:ATTenuation?`

Description: Attenuation

### **RAN:AMPLitude:EXTernal**

Syntax: `RAN:AMPLitude:EXTernal`

Parameter/Response: `-120.0 ~ 120.0 dB`

Example: `RAN:AMPLitude:EXTernal 10.0 | RAN:AMPLitude:EXTernal?`

Description: You can set or query External Offset in RAN Analyzer

### **RAN:AMPLitude:EXTernal:MODE**

Syntax: `RAN:AMPLitude:EXTernal:MODE`

Parameter/Response: `On|Off`

Example: `RAN:AMPLitude:EXTernal:MODE On |`

`RAN:AMPLitude:EXTernal:MODE?`

Description: You can set On/Off the External Offset mode or query external offset mode in RAN Analyzer

### **RAN:AMPLitude:MODE**

Syntax: `RAN:AMPLitude:MODE`

Parameter/Response: `Auto|Couple|Manual`

Example: `RAN:AMPLitude:MODE Manual`

Description: You can set attenuation mode options from Auto, Couple and Manual in RAN Analyzer

### **RAN:AMPLitude:PREAmp:DNC:FIRST**

Syntax: `RAN:AMPLitude:PREAmp:DNC:FIRST`

Parameter/Response: `On|Off`

Example: `RAN:AMPLitude:PREAmp:DNC:FIRST On |`

`RAN:AMPLitude:PREAmp:DNC:FIRST?`

Description: You can set on or off the First Preamp for DNC in RAN Analyzer

---

### **RAN:AMPlitude:PREAmp:FIRSt**

Syntax: RAN:AMPlitude:PREAmp:FIRSt

Parameter/Response: On|Off

Example: RAN:AMPlitude:PREAmp:FIRSt On |

RAN:AMPlitude:PREAmp:FIRSt?

Description: You can set the first pre amplitude to on or off in RAN Analyzer

### **RAN:AMPlitude:PREAmp:SECOnd**

Syntax: RAN:AMPlitude:PREAmp:SECOnd

Parameter/Response: On|Off

Example: RAN:AMPlitude:PREAmp:SECOnd On |

RAN:AMPlitude:PREAmp:SECOnd?

Description: You can set the second pre amplitude to on or off in RAN Analyzer

### **RAN:AMPlitude:REFeRence**

Syntax: RAN:AMPlitude:REFeRence

Parameter/Response: -120 - 100

Example: RAN:AMPlitude:REFeRence 20 | RAN:AMPlitude:REFeRence?

Description: You can set Reference Level in RAN Analyzer

### **RAN:AMPlitude:SCALE**

Syntax: RAN:AMPlitude:SCALE

Parameter/Response: 1.0 ~ 20.0 dB

Example: RAN:AMPlitude:SCALE 5 | RAN:AMPlitude:SCALE?

Description: You can set or query amplitude scale in RAN Analyzer

### **RAN:AMPlitude:UNIT**

Syntax: RAN:AMPlitude:UNIT

Parameter/Response: dBm|dBV|dBmV|dBuV|V|W

Example: RAN:AMPlitude:UNIT dBV | RAN:AMPlitude:UNIT?

Description: You can set or query amplitude scale unit in RAN Analyzer

### **RAN:GNSS:MODE**

Syntax: RAN:GNSS:MODE

Parameter/Response: UTC|UTC2000|UTC3000|UTC5000

Example: RAN:GNSS:MODE UTC2000 | RAN:GNSS:MODE?

Description: You can set or query GNSS Trigger mode in RAN Analyzer

### **RAN:AVERage**

Syntax: RAN:AVERage

Parameter/Response: 1 - 100

---

Example: `RAN:AVERAge 10` | `RAN:AVERAge?`

Description: You can set or query average number in RAN Analyzer

### **RAN:BANDwidth**

Syntax: `RAN:BANDwidth`

Parameter/Response:

Example: `RAN:BANDwidth 100 MHz`

Description: You can set NR bandwidth in RAN Analyzer

### **RAN:CHANnel:LINK**

Syntax: `RAN:CHANnel:LINK`

Parameter/Response: `DownLink|UpLink`

Example: `RAN:CHANnel:LINK DownLink` | `RAN:CHANnel:LINK?`

Description: You can set or query Channel Link in RAN Analyzer

### **RAN:CHANnel:NUMber**

Syntax: `RAN:CHANnel:NUMber`

Parameter/Response: `"-1, 1 - 256"`

Example: `RAN:CHANnel:NUMber 1` | `RAN:CHANnel:NUMber?`

Description: You can set or query channel number in RAN Analyzer

### **RAN:CHANnel:STANdard**

Syntax: `RAN:CHANnel:STANdard`

Parameter/Response: `CDMA Band 0 (800)| ... LTE-FDD Band 1 (2100)| ...`

Example: `RAN:CHANnel:STANdard 10` | `RAN:CHANnel:STANdard?`

Description: You can set channel standard in RAN Signal Analyzer

### **RAN:CHANnel:STEP**

Syntax: `RAN:CHANnel:STEP`

Parameter/Response: `1 - 100`

Example: `RAN:CHANnel:STEP` | `RAN:CHANnel:STEP?`

Description: You can set channel step in RAN Analyzer

### **RAN:CONFigure:RESEt**

Syntax: `RAN:CONFigure:RESEt`

Parameter/Response:

Example: `RAN:CONFigure:RESEt`

Description: You can reset configuration in RAN Analyzer

### **RAN:CONFigure:RESEt:DEV**

Syntax: `RAN:CONFigure:RESEt:DEV`

Parameter/Response:

---

Example: `RAN:CONFigure:RESEt:DEV`

Description: You can preset configuration in RAN Analyzer

### **RAN:FREQuency:BAND**

Syntax: `RAN:FREQuency:BAND`

Parameter/Response:

Example: `RAN:FREQuency:BAND FR1`

Description: You can set carrier frequency range in RAN Analyzer

### **RAN:FREQuency:CENTer**

Syntax: `RAN:FREQuency:CENTer`

Parameter/Response: "9 kHz - 6 GHz, 25 GHz - 40 GHz"

Example: `RAN:FREQuency:CENTer 1200 MHz | RAN:FREQuency:CENTer?`

Description: You can set or query center frequency in RAN Analyzer

### **RAN:FREQuency:OFFSet**

Syntax: `RAN:FREQuency:OFFSet`

Parameter/Response: -25 GHz - 40 GHz

Example: `RAN:FREQuency:OFFSet 150 kHz | RAN:FREQuency:OFFSet?`

Description: You can set or query offset frequency in RAN Analyzer

### **RAN:FREQuency:SPAN**

Syntax: `RAN:FREQuency:SPAN`

Parameter/Response: 0 - 100 MHz

Example: `RAN:FREQuency:SPAN 10.0 MHz | RAN:FREQuency:SPAN?`

Description: You can set and query span frequency in RAN Analyzer

### **RAN:TIFR:FREQuency:SPAN**

Syntax: `RAN:TIFR:FREQuency:SPAN`

Parameter/Response: 0 - 100 MHz

Example: `RAN:TIFR:FREQuency:SPAN 10.0 MHz |`

`RAN:TIFR:FREQuency:SPAN?`

Description: You can set and query span frequency for Freq/Time/Power Variation in RAN Analyzer

### **RAN:ALLMap:FREQuency:SPAN**

Syntax: `RAN:ALLMap:FREQuency:SPAN`

Parameter/Response: 0 - 100 MHz

Example: `RAN:ALLMap:FREQuency:SPAN 10.0 MHz |`

`RAN:ALLMap:FREQuency:SPAN?`

Description: You can set and query span frequency for Allocation Mapper in RAN Analyzer



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### **RAN:BEAM:FREQuency:SPAN**

Syntax: RAN:BEAM:FREQuency:SPAN

Parameter/Response: 0 - 100 MHz

Example: RAN:BEAM:FREQuency:SPAN 10.0 MHz |

RAN:BEAM:FREQuency:SPAN?

Description: You can set and query span frequency for Beam Analyzer in RAN Analyzer

### **RAN:RPSE:FREQuency:SPAN**

Syntax: RAN:RPSE:FREQuency:SPAN

Parameter/Response: 0 - 100 MHz

Example: RAN:RPSE:FREQuency:SPAN 10.0 MHz |

RAN:RPSE:FREQuency:SPAN?

Description: You can set and query span frequency for RtSA Persistent Spectrum in RAN Analyzer

### **RAN:RPSG:FREQuency:SPAN**

Syntax: RAN:RPSG:FREQuency:SPAN

Parameter/Response: 0 - 100 MHz

Example: RAN:RPSG:FREQuency:SPAN 10.0 MHz |

RAN:RPSG:FREQuency:SPAN?

Description: You can set and query span frequency for RtSA Persistent Spectrogram in RAN Analyzer

### **RAN:TPSE:FREQuency:SPAN**

Syntax: RAN:TPSE:FREQuency:SPAN

Parameter/Response: 0 - 100 MHz

Example: RAN:TPSE:FREQuency:SPAN 10.0 MHz |

RAN:TPSE:FREQuency:SPAN?

Description: You can set and query span frequency for TAGS Persistent Spectrum in RAN Analyzer

### **RAN:TPSG:FREQuency:SPAN**

Syntax: RAN:TPSG:FREQuency:SPAN

Parameter/Response: 0 - 100 MHz

Example: RAN:TPSG:FREQuency:SPAN 10.0 MHz |

RAN:TPSG:FREQuency:SPAN?

Description: You can set and query span frequency for TAGS Persistent Spectrogram in RAN Analyzer

### **RAN:TSPE:FREQuency:SPAN**

Syntax: RAN:TSPE:FREQuency:SPAN

Parameter/Response: 0 - 100 MHz

---

**Example:** `RAN:TSPE:FREQuency:SPAN 10.0 MHz |`  
`RAN:TSPE:FREQuency:SPAN?`

**Description:** You can set and query span frequency for TAGS Spectrum in RAN Analyzer

### **RAN:TSPG:FREQuency:SPAN**

**Syntax:** `RAN:TSPG:FREQuency:SPAN`

**Parameter/Response:** 0 - 100 MHz

**Example:** `RAN:TSPG:FREQuency:SPAN 10.0 MHz |`  
`RAN:TSPG:FREQuency:SPAN?`

**Description:** You can set and query span frequency for TAGS Spectrogram in RAN Analyzer

### **RAN:FREQuency:STEP**

**Syntax:** `RAN:FREQuency:STEP`

**Parameter/Response:** 1 Hz - 1 GHz

**Example:** `RAN:FREQuency:STEP 1 MHz | RAN:FREQuency:STEP?`

**Description:** You can set each carrier's step frequency in RAN Analyzer

### **RAN:FREQuency:UNIT**

**Syntax:** `RAN:FREQuency:UNIT`

**Parameter/Response:** [Frequency | Channel]

**Example:** `RAN:FREQuency:UNIT Frequency | RAN:FREQuency:UNIT?`

**Description:** You can set or query frequency unit in RAN Analyzer

### **RAN:GSCN**

**Syntax:** `RAN:GSCN`

**Parameter/Response:**

**Example:** `RAN:GSCN 2386`

**Description:** You can set GSCN number in RAN Analyzer

### **RAN:HW:SOURce:CLOCK:SElect**

**Syntax:** `RAN:HW:SOURce:CLOCK:SElect`

**Parameter/Response:** [Internal | External | GNSS]

**Example:** `RAN:HW:SOURce:CLOCK:SElect External`

**Description:** You can set frequency reference from External, Internal, or GNSS in RAN Analyzer

### **RAN:LIMIt:DISPlay:LINE:AMPlitude**

**Syntax:** `RAN:LIMIt:DISPlay:LINE:AMPlitude`

**Parameter/Response:** -120 - 100

**Example:** `RAN:LIMIt:DISPlay:LINE:AMPlitude -20 |`  
`RAN:LIMIt:DISPlay:LINE:AMPlitude?`

---

Description: You can set or query limit line power in RAN Analyzer

#### **RAN:LIMIt:DISPlay:LINE:MODE**

Syntax: RAN:LIMIt:DISPlay:LINE:MODE

Parameter/Response: On|Off

Example: RAN:LIMIt:DISPlay:LINE:MODE On |

RAN:LIMIt:DISPlay:LINE:MODE?

Description: You can set or query limit line mode in RAN Analyzer

#### **RAN:LTE:BANDwidth**

Syntax: RAN:LTE:BANDwidth

Parameter/Response: "Bandwidth14, Bandwidth3, Bandwidth5, Bandwidth10, Bandwidth15, Bandwidth20"

Example: RAN:LTE:BANDwidth Bandwidth10

Description: You can set LTE bandwidth in RAN Analyzer

#### **RAN:LTE:SPECial**

Syntax: RAN:LTE:SPECial

Parameter/Response: 0 - 9

Example: RAN:LTE:SPECial 0

Description: You can set Special Subframe Assignment for LTE in RAN Analyzer

#### **RAN:LTE:SUBFrame**

Syntax: RAN:LTE:SUBFrame

Parameter/Response: 0 - 6

Example: RAN:LTE:SUBFrame 0

Description: You can set subframe assignment in RAN Analyzer

#### **RAN:MARKer#**

Syntax: RAN:MARKer#

Parameter/Response: On|Off

Example: RAN:MARKer2 On | RAN:MARKer2?

Description: You can set or query each marker in RAN Analyzer

#### **RAN:MARKer#:ALWAYS**

Syntax: RAN:MARKer#:ALWAYS

Parameter/Response: On|Off

Example: RAN:MARKer2:ALWAYS On | RAN:MARKer2:ALWAYS?

Description: You can set on or off or query marker always in RAN Analyzer

#### **RAN:MARKer#:DELTA:AMPLitude**

Syntax: RAN:MARKer#:DELTA:AMPLitude

---

Parameter/Response: -120 - 100

Example: RAN:MARKer2:DELTA:AMPLitude 100 |

RAN:MARKer2:DELTA:AMPLitude?

Description: You can set or query delta marker amplitude in RAN Analyzer

### **RAN:MARKer#:DELTA:FREQuency**

Syntax: RAN:MARKer#:DELTA:FREQuency

Parameter/Response: "9 kHz ~ 6 GHz, 25 GHz ~ 40GHz"

Example: RAN:MARKer2:DELTA:FREQuency 100 MHz |

RAN:MARKer2:DELTA:FREQuency?

Description: You can query delta marker frequency in RAN Analyzer

### **RAN:MARKer#:DELTA:RESUlt:POWer**

Syntax: RAN:MARKer#:DELTA:RESUlt:POWer

Parameter/Response:

Example: RAN:MARKer1:DELTA:RESUlt:POWer?

Description: You can query Delta Marker Amplitude in RAN Analyzer

### **RAN:MARKer#:FREQuency**

Syntax: RAN:MARKer#:FREQuency

Parameter/Response: "9 kHz - 6 GHz, 25 GHz - 40 GHz"

Example: RAN:MARKer2:FREQuency 1 GHz | RAN:MARKer2:FREQuency?

Description: You can query Marker Frequency in RAN Analyzer

### **RAN:MARKer#:RESUlt:POWer**

Syntax: RAN:MARKer#:RESUlt:POWer

Parameter/Response:

Example: RAN:MARKer1:RESUlt:POWer?

Description: You can query Marker Amplitude in RAN Analyzer

### **RAN:MARKer#:TYPE**

Syntax: RAN:MARKer#:TYPE

Parameter/Response: "Normal,Delta,DeltaPair"

Example: RAN:MARKer2:TYPE Delta | RAN:MARKer2:TYPE?

Description: You can set maker type options from Normal, Delta, and Delta Pair in RAN Analyzer

### **RAN:MARKer:FREQuency:COUNt**

Syntax: RAN:MARKer:FREQuency:COUNt

Parameter/Response: On|Off

Example: RAN:MARKer:FREQuency:COUNt On |

RAN:MARKer:FREQuency:COUNt?

---

Description: You can set or query marker frequency count on or off in RAN Analyzer

#### **RAN:MARKer:MOVE:CENTer**

Syntax: RAN:MARKer:MOVE:CENTer

Parameter/Response:

Example: RAN:MARKer:MOVE:CENTer

Description: You can set marker to move to center in RAN Analyzer

#### **RAN:MARKer:MOVE:START**

Syntax: RAN:MARKer:MOVE:START

Parameter/Response:

Example: RAN:MARKer:MOVE:START

Description: You can set Start Frequency to Marker position in RAN Analyzer

#### **RAN:MARKer:MOVE:STOP**

Syntax: RAN:MARKer:MOVE:STOP

Parameter/Response:

Example: RAN:MARKer:MOVE:STOP

Description: You can set Stop Frequency to Marker position in RAN Analyzer

#### **RAN:MARKer:OFF:ALL**

Syntax: RAN:MARKer:OFF:ALL

Parameter/Response:

Example: RAN:MARKer:OFF:ALL

Description: You can set Marker All Off in RAN Analyzer

#### **RAN:MARKer:SEARch:LEFT**

Syntax: RAN:MARKer:SEARch:LEFT

Parameter/Response:

Example: RAN:MARKer:SEARch:LEFT

Description: You can set marker to Next Peak Left in RAN Analyzer

#### **RAN:MARKer:SEARch:MIN**

Syntax: RAN:MARKer:SEARch:MIN

Parameter/Response:

Example: RAN:MARKer:SEARch:MIN

Description: You can set marker to Min Search in RAN Analyzer

#### **RAN:MARKer:SEARch:NEXT**

Syntax: RAN:MARKer:SEARch:NEXT

Parameter/Response:

---

Example: `RAN:MARKer:SEARch:NEXT`

Description: You can set marker to Next Peak in RAN Analyzer

#### **RAN:MARKer:SEARch:PEAK**

Syntax: `RAN:MARKer:SEARch:PEAK`

Parameter/Response:

Example: `RAN:MARKer:SEARch:PEAK`

Description: You can set marker to Peak Search in RAN Analyzer

#### **RAN:MARKer:SEARch:RIGHT**

Syntax: `RAN:MARKer:SEARch:RIGHT`

Parameter/Response:

Example: `RAN:MARKer:SEARch:RIGHT`

Description: You can set marker to Next Peak Right in RAN Analyzer

#### **RAN:MARKer:SElect**

Syntax: `RAN:MARKer:SElect`

Parameter/Response:

`Marker01|Marker02|Marker03|Marker04|Marker05|Marker06`

Example: `RAN:MARKer:SElect Marker02 | RAN:MARKer:SElect?`

Description: You can select marker from 1 to 6 in RAN Analyzer

#### **RAN:MIB**

Syntax: `RAN:MIB`

Parameter/Response:

Example: `RAN:MIB?`

Description: You can query MIB result in RAN Analyzer

#### **RAN:MODE**

Syntax: `RAN:MODE`

Parameter/Response:

`beamScanner|timeNFrequency|allocationMapper|persisSpectrumRtSA|persisSpectrumRtSA|spectrum|spectrogram|persisSpectrum|persisSpectrogram`

Example: `RAN:MODE spectrogram`

Description: You can set Mode in RAN Analyzer

#### **RAN:PCI**

Syntax: `RAN:PCI`

Parameter/Response:

Example: `RAN:PCI 0`

Description: You can set PCI in RAN Analyzer

---

## **RAN:PCI:MODE**

Syntax: RAN:PCI:MODE

Parameter/Response:

Example: RAN:PCI:MODE Auto

Description: You can set or query PCI Mode in RAN Analyzer

## **RAN:PERiodicity**

Syntax: RAN:PERiodicity

Parameter/Response:

Example: RAN:PERiodicity '20ms'

Description: You can set or query Periodicity in RAN Analyzer

## **RAN:PORT:NTYPE:USE**

Syntax: RAN:PORT:NTYPE:USE

Parameter/Response: [Off | On]

Example: RAN:PORT:NTYPE:USE On

Description: You can set N-Type Port to On or Off in RAN Analyzer

## **RAN:PSGRam:TRACe:DATA**

Syntax: RAN:PSGRam:TRACe:DATA

Parameter/Response:

Example: RAN:PSGRam:TRACe:DATA?

Description: You can query Trace Data in Persistent Spectrogram of RAN Analyzer

## **RAN:PSPECtrum:TRACe:DATA**

Syntax: RAN:PSPECtrum:TRACe:DATA

Parameter/Response:

Example: RAN:PSPECtrum:TRACe:DATA?

Description: You can query Trace Data in Persistent Spectrum of RAN Analyzer

## **RAN:RADiofrequency:CENTer**

Syntax: RAN:RADiofrequency:CENTer

Parameter/Response:

Example: RAN:RADiofrequency:CENTer 1000.00 MHz

Description: You can set radio frequency to center frequency in RAN Analyzer

## **RAN:RBW**

Syntax: RAN:RBW

Parameter/Response: "0.015, 0.03, 0.06, 0.1, 0.12, 0.24, 1"

Example: RAN:RBW 0.06 | RAN:RBW?

---

Description: You can set or query resolution bandwidth in RAN Analyzer

#### **RAN:RPSGram:TRACe:DATA**

Syntax: RAN:RPSGram:TRACe:DATA

Parameter/Response:

Example: RAN:RPSGram:TRACe:DATA?

Description: You can query Trace Data in Real-time Persistent Spectrogram of RAN Analyzer

#### **RAN:RPSpectrum:TRACe:DATA**

Syntax: RAN:RPSpectrum:TRACe:DATA

Parameter/Response:

Example: RAN:RPSpectrum:TRACe:DATA?

Description: You can query Trace Data in Real-time Persistent Spectrum of RAN Analyzer

#### **RAN:SCALE:AUTO**

Syntax: RAN:SCALE:AUTO

Parameter/Response:

Example: RAN:SCALE:AUTO

Description: You can set auto scale in RAN Analyzer

#### **RAN:SGRam:TRACe:DATA**

Syntax: RAN:SGRam:TRACe:DATA

Parameter/Response:

Example: RAN:SGRam:TRACe:DATA?

Description: Queries for trace points

#### **RAN:SIB**

Syntax: RAN:SIB

Parameter/Response:

Example: RAN:SIB?

Description: You can set SIB1 result in RAN Analyzer

#### **RAN:SIB1:MODE**

Syntax: RAN:SIB1:MODE

Parameter/Response: Start|Stop

Example: RAN:SIB1:MODE Start

Description: You can set SIB1 Search Mode to Start or Stop in RAN Analyzer

#### **RAN:SLOT**

Syntax: RAN:SLOT



---

Parameter/Response:

Example: `RAN:SLOT 0`

Description: You can set slot number in RAN Analyzer

#### **RAN:SLOT:DL**

Syntax: `RAN:SLOT:DL`

Parameter/Response: 0 - 20

Example: `RAN:SLOT:DL 0`

Description: You can set Downlink Slot in RAN Analyzer

#### **RAN:SLOT:PATT**

Syntax: `RAN:SLOT:PATT`

Parameter/Response: 0 - 20

Example: `RAN:SLOT:PATT 0`

Description: You can set Pattern2 Slot in RAN Analyzer

#### **RAN:SLOT:UL**

Syntax: `RAN:SLOT:UL`

Parameter/Response: 0 - 20

Example: `RAN:SLOT:UL 0`

Description: You can set Uplink Slot in RAN Analyzer

#### **RAN:SPECTrum:TRACe:DATA**

Syntax: `RAN:SPECTrum:TRACe:DATA`

Parameter/Response:

Example: `RAN:SPECTrum:TRACe:DATA?`

Description: You can query Trace Data for Spectrum Measurement in RAN Analyzer

#### **RAN:SSB:CENTer**

Syntax: `RAN:SSB:CENTer`

Parameter/Response:

Example: `RAN:SSB:CENTer 1000.00 MHz`

Description: You can query SSB center frequency in RAN Analyzer

#### **RAN:SSB:MODE**

Syntax: `RAN:SSB:MODE`

Parameter/Response: Start|Stop

Example: `RAN:SSB:MODE Start`

Description: You can set SSB (Carrier) Auto Search Mode to Start or Stop in RAN Analyzer

---

### **RAN:SSB:SCS**

Syntax: RAN:SSB:SCS

Parameter/Response:

Example: RAN:SSB:SCS 15 kHz

Description: You can set subcarrier spacing in RAN Analyzer

### **RAN:SSB:TYPE**

Syntax: RAN:SSB:TYPE

Parameter/Response: Auto|Manual

Example: RAN:SSB:TYPE Auto

Description: You can set SSB Auto Search Mode to Auto or Manual in RAN Analyzer

### **RAN:SSBBlockpattern**

Syntax: RAN:SSBBlockpattern

Parameter/Response:

Example: RAN:SSBBlockpattern CaseA

Description: You can set SSB block pattern in RAN Analyzer

### **RAN:SWEEP:HOLD**

Syntax: RAN:SWEEP:HOLD

Parameter/Response: On|Off

Example: RAN:SWEEP:HOLD On | RAN:SWEEP:HOLD?

Description: You can set or query sweep hold in RAN Analyzer

### **RAN:SWEEP:MODE**

Syntax: RAN:SWEEP:MODE

Parameter/Response: Continue|Single

Example: RAN:SWEEP:MODE Single | RAN:SWEEP:MODE?

Description: You can set sweep mode to Continue or Single in RAN Analyzer

### **RAN:SWEEP:ONCE**

Syntax: RAN:SWEEP:ONCE

Parameter/Response:

Example: RAN:SWEEP:ONCE

Description: You can set sweep once in RAN Analyzer

### **RAN:SWEEP:TIME**

Syntax: RAN:SWEEP:TIME

Parameter/Response: 1000 us to 200 sec

Example: RAN:SWEEP:TIME 2000 us | RAN:SWEEP:TIME?

---

Description: You can set or query sweep time in RAN Analyzer

#### **RAN:SWEEp:TIME:MINImum:CURRent**

Syntax: RAN:SWEEp:TIME:MINImum:CURRent

Parameter/Response: 1000 us to 200 sec

Example: RAN:SWEEp:TIME:MINImum:CURRent 1000 us |

RAN:SWEEp:TIME:MINImum:CURRent?

Description: You can set or query current sweep minimum time in RAN Analyzer

#### **RAN:SWEEp:TIME:MODE**

Syntax: RAN:SWEEp:TIME:MODE

Parameter/Response: Auto|Manual

Example: RAN:SWEEp:TIME:MODE Manual | RAN:SWEEp:TIME:MODE?

Description: You can set or query sweep time mode in RAN Analyzer

#### **RAN:SWEEp:TYPE**

Syntax: RAN:SWEEp:TYPE

Parameter/Response: Normal|Fast

Example: RAN:SWEEp:TYPE Fast | RAN:SWEEp:TYPE?

Description: You can set Sweep Type to Normal or Fast in RAN Analyzer

#### **RAN:SYMBol:DL**

Syntax: RAN:SYMBol:DL

Parameter/Response: 0 - 20

Example: RAN:SYMBol:DL 0

Description: You can set Downlink Symbol in RAN Analyzer

#### **RAN:SYMBol:START**

Syntax: RAN:SYMBol:START

Parameter/Response: 0 - 13

Example: RAN:SYMBol:START 0

Description: You can set Start Symbol in RAN Analyzer

#### **RAN:SYMBol:UL**

Syntax: RAN:SYMBol:UL

Parameter/Response: 0 - 20

Example: RAN:SYMBol:UL 0

Description: You can set Uplink Symbol in RAN Analyzer

#### **RAN:SYMBol:WIDTH**

Syntax: RAN:SYMBol:WIDTH

---

Parameter/Response: 1 - 14

Example: `RAN:SYMBOL:WIDTH 0`

Description: You can set Symbol Width in RAN Analyzer

### **RAN:SYMBOLphase:TYPE**

Syntax: `RAN:SYMBOLphase:TYPE`

Parameter/Response:

Example: `RAN:SYMBOLphase:TYPE Manual`

Description: You can set symbol phase compensation from the options Auto, Manual or Off in RAN Analyzer

### **RAN:SYNC**

Syntax: `RAN:SYNC`

Parameter/Response:

Example: `RAN:SYNC?`

Description: You can query sync result in RAN Analyzer

### **RAN:TECHnology**

Syntax: `RAN:TECHnology`

Parameter/Response: NR|LTE

Example: `RAN:TECHnology NR`

Description: You can set technology mode in RAN Analyzer

### **RAN:TRACE:CLEAr:ALL**

Syntax: `RAN:TRACE:CLEAr:ALL`

Parameter/Response:

Example: `RAN:TRACE:CLEAr:ALL`

Description: You can set the trace clear all in RAN Analyzer

### **RAN:TRAcE#:INFOrmation:ATTenuation**

Syntax: `RAN:TRAcE#:INFOrmation:ATTenuation`

Parameter/Response:

Example: `RAN:TRAcE2:INFOrmation:ATTenuation?`

Description: You can get Attenuation Information of trace# in RAN Analyzer

### **RAN:TRAcE#:INFOrmation:AVERage**

Syntax: `RAN:TRAcE#:INFOrmation:AVERage`

Parameter/Response:

Example: `RAN:TRAcE2:INFOrmation:AVERage?`

Description: You can get average information of trace# in RAN Analyzer

---

### **RAN:TRAcE#:INFOrmation:EXTeRnal**

Syntax: RAN:TRAcE#:INFOrmation:EXTeRnal

Parameter/Response:

Example: RAN:TRAcE2:INFOrmation:EXTeRnal?

Description: You can get Exteneral Trace# Information in RAN Analyzer

### **RAN:TRAcE#:INFOrmation:PREAmp1**

Syntax: RAN:TRAcE#:INFOrmation:PREAmp1

Parameter/Response:

Example: RAN:TRAcE2:INFOrmation:PREAmp1?

Description: You can query trace preamp1 information in RAN Analyzer

### **RAN:TRAcE#:MODE**

Syntax: RAN:TRAcE#:MODE

Parameter/Response: On|Off

Example: RAN:TRAcE2:MODE On | RAN:TRAcE2:MODE?

Description: You can set or query Trace Mode in RAN Analyzer

### **RAN:TRAcE#:TYPE**

Syntax: RAN:TRAcE#:TYPE

Parameter/Response: Off|ClearWrite|Capture|Max|Min||Load|Calculate

Example: RAN:TRAcE2:TYPE ClearWrite | RAN:TRAcE2:TYPE?

Description: You can set or query trace type in RAN Analyzer

### **RAN:TRAcE:CAPTuRe**

Syntax: RAN:TRAcE:CAPTuRe

Parameter/Response:

Example: RAN:TRAcE:CAPTuRe

Description: You can set to capture the selected trace in RAN Analyzer

### **RAN:TRAcE:HOLD:TIME**

Syntax: RAN:TRAcE:HOLD:TIME

Parameter/Response: 0 - 100

Example: RAN:TRAcE:HOLD:TIME 10 | RAN:TRAcE:HOLD:TIME?

Description: You can set or query Trace Hold Time in RAN Analyzer

### **RAN:TRAcE:INFOrmation**

Syntax: RAN:TRAcE:INFOrmation

Parameter/Response: None|Trace01|Trace02|Trace03|Trace04|Trace05|Trace06

Example: RAN:TRAcE:INFOrmation Trace02 |

RAN:TRAcE:INFOrmation?

---

Description: You can select the trace number to view the trace's information or None to hide the information display in RAN Analyzer

#### **RAN:TRAcE:SElect**

Syntax: RAN:TRAcE:SElect

Parameter/Response: Trace01|Trace02|Trace03|Trace04|Trace05|Trace06

Example: RAN:TRAcE:SElect Trace02 | RAN:TRAcE:SElect?

Description: You can set or query trace in RAN Analyzer

#### **RAN:TRIGger:MODE**

Syntax: RAN:TRIGger:MODE

Parameter/Response: Free|External|GNSS|Video

Example: RAN:TRIGger:MODE FreeRun | RAN:TRIGger:MODE?

Description: You can set the trigger mode from the above options in RAN Analyzer

## **GSM Signal Analysis Commands**

The commands described in this section concern the functions accessible to configure GSM signal analysis. All the commands are functions accessible with the Quick Access and Display tab key of the instrument. Note that GSM signal analysis measurement commands are not supported for CellAdvisor 5G.

#### **GSM:AMPLitude:ATTenuation:MODE**

Syntax: GSM:AMPLitude:ATTenuation:MODE

Parameter/Response: [Auto | Couple | Manual]

Example: GSM:AMPLitude:ATTenuation:MODE Manual

Description: You can set attenuation mode in GSM Signal Analyzer

#### **GSM:AMPLitude:ATTenuation:VALue**

Syntax: GSM:AMPLitude:ATTenuation:VALue

Parameter/Response:

Example: GSM:AMPLitude:ATTenuation:VALue 20

Description: You can set attenuation value in GSM Signal Analyzer

#### **GSM:AMPLitude:EXTErnal**

Syntax: GSM:AMPLitude:EXTErnal

Parameter/Response:

Example: GSM:AMPLitude:EXTErnal 23.3

Description: You can set or query External Offset in GSM Signal Analyzer

---

### **GSM:AMPLitude:EXternal:MODE**

Syntax: GSM:AMPLitude:EXternal:MODE

Parameter/Response: [Off | On]

Example: GSM:AMPLitude:EXternal:MODE Off

Description: You can set On/Off the External Offset mode or query external offset mode in GSM Signal Analyzer

### **GSM:AMPLitude:LINEarity**

Syntax: GSM:AMPLitude:LINEarity

Parameter/Response: Normal|High

Example: GSM:AMPLitude:LINEarity High

Description: You can set Linearity mode to Normal or High in GSM Signal Analyzer

### **GSM:AMPLitude:LNA:MODE**

Syntax: GSM:AMPLitude:LNA:MODE

Parameter/Response: On|Off

Example: GSM:AMPLitude:LNA:MODE On

Description: You can set External LNA Mode to On or Off in GSM Signal Analyzer

### **GSM:AMPLitude:PREAmp:AUTO**

Syntax: GSM:AMPLitude:PREAmp:AUTO

Parameter/Response: On|Off

Example: GSM:AMPLitude:PREAmp:AUTO On

Description: You can set Auto Preamp to On or Off in GSM Signal Analyzer

### **GSM:AMPLitude:REference:LEVEL**

Syntax: GSM:AMPLitude:REference:LEVEL

Parameter/Response:

Example: GSM:AMPLitude:REference:LEVEL 30

Description: You can set Reference level in GSM Signal Analyzer

### **GSM:AMPLitude:REference:LEVEL:RELative**

Syntax: GSM:AMPLitude:REference:LEVEL:RELative

Parameter/Response:

Example: GSM:AMPLitude:REference:LEVEL:RELative 30

Description: You can set relative reference level in GSM Signal Analyzer

### **GSM:AMPLitude:SCALE**

Syntax: GSM:AMPLitude:SCALE

---

Parameter/Response:

Example: `GSM:AMPLitude:SCALE 9`

Description: You can set or query amplitude scale in GSM Signal Analyzer

#### **GSM:AMPLitude:SCALE:UNIT**

Syntax: `GSM:AMPLitude:SCALE:UNIT`

Parameter/Response: [dBm | dBV | dBmV | dBuV | V | W]

Example: `GSM:AMPLitude:SCALE:UNIT dBV`

Description: You can set scale unit in GSM Signal Analyzer

#### **GSM:AMPLitude:AMPLifying:MODE**

Syntax: `GSM:AMPLitude:AMPLifying:MODE`

Parameter/Response: [Mode1 | Mode2 | Mode3 | Mode4 | Mode5]

Example: `GSM:AMPLitude:AMPLifying:MODE Mode1`

Description: You can set Amplifying Mode in GSM Signal Analyzer

#### **GSM:AMPLitude:PREAmp:DNC:FIRSt**

Syntax: `GSM:AMPLitude:PREAmp:DNC:FIRSt`

Parameter/Response: [Off | On]

Example: `GSM:AMPLitude:PREAmp:DNC:FIRSt Off`

Description: You can set on or off the First Preamp for DNC in GSM Signal Analyzer

#### **GSM:AMPLitude:PREAmp:FIRSt**

Syntax: `GSM:AMPLitude:PREAmp:FIRSt`

Parameter/Response: [Off | On]

Example: `GSM:AMPLitude:PREAmp:FIRSt Off`

Description: You can set the first pre amplitude to on or off in GSM Signal Analyzer

#### **GSM:AMPLitude:PREAmp:SECond**

Syntax: `GSM:AMPLitude:PREAmp:SECond`

Parameter/Response: [Off | On]

Example: `GSM:AMPLitude:PREAmp:SECond Off`

Description: You can set the second pre amplitude to on or off in GSM Signal Analyzer

#### **GSM:CALCulate:TRACe5**

Syntax: `GSM:CALCulate:TRACe5`

Parameter/Response:

Example: `GSM:CALCulate:TRACe5`

Description: You can calculate T1-T2 and input the result value to T5 in GSM Signal Analyzer



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### **GSM:CALCulate:TRACe6**

Syntax: GSM:CALCulate:TRACe6

Parameter/Response:

Example: GSM:CALCulate:TRACe6

Description: You can calculate T2-T1 and input the result value to T6 in GSM Signal Analyzer

### **GSM:CAPTure:IQ**

Syntax: GSM:CAPTure:IQ

Parameter/Response:

Example: GSM:CAPTure:IQ

Description: You can set capture with IQ in GSM Signal Analyzer

### **GSM:CAPTure:IQ:STATus**

Syntax: GSM:CAPTure:IQ:STATus

Parameter/Response:

Example: GSM:CAPTure:IQ:STATus?

Description: You can check the Capture IQ data status in designated file name of internal folder in Spectrum measurement of GSM Signal Analyzer. Note that if the return is 0 or -1, the file is saved successfully and 1 means the file is saving.

### **GSM:CHANnel:NUMBer**

Syntax: GSM:CHANnel:NUMBer

Parameter/Response:

Example: GSM:CHANnel:NUMBer 10

Description: You can set or query channel number in GSM Signal Analyzer

### **GSM:CHANnel:POWER:AVERage**

Syntax: GSM:CHANnel:POWER:AVERage

Parameter/Response:

Example: GSM:CHANnel:POWER:AVERage?

Description: You can query Average number for Channel Power measurement in GSM Signal Analyzer

### **GSM:CHANnel:POWER:MARKer#:DELTA:FREQuency**

Syntax: GSM:CHANnel:POWER:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: GSM:CHANnel:POWER:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Channel Power measurement in GSM Signal Analyzer

---

### **GSM:CHANnel:POWEr:MARKer#:DELTA:POWEr**

Syntax: GSM:CHANnel:POWEr:MARKer#:DELTA:POWEr

Parameter/Response:

Example: GSM:CHANnel:POWEr:MARKer1:DELTA:POWEr?

Description: You can query Delta Marker Power for Channel Power measurement in GSM Signal Analyzer

### **GSM:CHANnel:POWEr:MARKer#:DISPlay:FREQuency**

Syntax: GSM:CHANnel:POWEr:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: GSM:CHANnel:POWEr:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Channel Power measurement in GSM Signal Analyzer

### **GSM:CHANnel:POWEr:MARKer#:FREQuency**

Syntax: GSM:CHANnel:POWEr:MARKer#:FREQuency

Parameter/Response:

Example: GSM:CHANnel:POWEr:MARKer1:FREQuency?

Description: You can query Marker Frequency in Channel Power measurement in GSM Signal Analyzer

### **GSM:CHANnel:POWEr:MARKer#:POWEr**

Syntax: GSM:CHANnel:POWEr:MARKer#:POWEr

Parameter/Response:

Example: GSM:CHANnel:POWEr:MARKer1:POWEr?

Description: You can query Power of Marker# in Channel Power measurement of GSM Signal Analyzer

### **GSM:CHANnel:POWEr:TRACe:DATA**

Syntax: GSM:CHANnel:POWEr:TRACe:DATA

Parameter/Response:

Example: GSM:CHANnel:POWEr:TRACe:DATA?

Description: You can query Trace Data of Channel Power Measurement in GSM Signal Analyzer

### **GSM:CHANnel:POWEr**

Syntax: GSM:CHANnel:POWEr

Parameter/Response:

Example: GSM:CHANnel:POWEr?

Description: You can query Channel Power measurement in GSM Signal Analyzer

---

### **GSM:CHANnel:POWer:JUDGe**

Syntax: GSM:CHANnel:POWer:JUDGe

Parameter/Response:

Example: GSM:CHANnel:POWer:JUDGe?

Description: You can query pass or fail for Channel Power in GSM Signal Analyzer

### **GSM:CHANnel:POWer:POWer:PEAK**

Syntax: GSM:CHANnel:POWer:POWer:PEAK

Parameter/Response:

Example: GSM:CHANnel:POWer:POWer:PEAK?

Description: You can query Peak Power in Channel Power measurement in GSM Signal Analyzer

### **GSM:CHANnel:POWer:PTA:RATio**

Syntax: GSM:CHANnel:POWer:PTA:RATio

Parameter/Response:

Example: GSM:CHANnel:POWer:PTA:RATio?

Description: You can query Peak to Average Ratio for Channel Power measurement in GSM Signal Analyzer

### **GSM:CHANnel:POWer:SPECTral:DENSity**

Syntax: GSM:CHANnel:POWer:SPECTral:DENSity

Parameter/Response:

Example: GSM:CHANnel:POWer:SPECTral:DENSity?

Description: You can query spectral density for Channel Power measurement in GSM Signal Analyzer

### **GSM:CHANnel:STANdard**

Syntax: GSM:CHANnel:STANdard

Parameter/Response:

Example: GSM:CHANnel:STANdard 201

Description: You can set Channel Standard in GSM Signal Analyzer

### **GSM:CHANnel:STEP**

Syntax: GSM:CHANnel:STEP

Parameter/Response:

Example: GSM:CHANnel:STEP 10

Description: You can set Channel Step in GSM Signal Analyzer

---

### **GSM:CHSCanner:CHANnel:NUMBer**

Syntax: GSM:CHSCanner:CHANnel:NUMBer

Parameter/Response:

Example: GSM:CHSCanner:CHANnel:NUMBer 10

Description: You can set Channel Number of Channel Scanner in GSM Signal Analyzer

### **GSM:CHSCanner:JUDGe**

Syntax: GSM:CHSCanner:JUDGe

Parameter/Response:

Example: GSM:CHSCanner:JUDGe?

Description: You can judge pass or fail for Channel Scanner in GSM Signal Analyzer

### **GSM:CHSCanner:RANGe:CHANnel:START**

Syntax: GSM:CHSCanner:RANGe:CHANnel:START

Parameter/Response:

Example: GSM:CHSCanner:RANGe:CHANnel:START 259

Description: You can set Start Channel of Channel Scanner in GSM Signal Analyzer

### **GSM:CHSCanner:RANGe:ZOOM:POS**

Syntax: GSM:CHSCanner:RANGe:ZOOM:POS

Parameter/Response:

Example: GSM:CHSCanner:RANGe:ZOOM:POS 1

Description: You can set Zoom Position of Channel Scanner in GSM Signal Analyzer

### **GSM:CONStellation:BURst:POWer**

Syntax: GSM:CONStellation:BURst:POWer

Parameter/Response:

Example: GSM:CONStellation:BURst:POWer?

Description: You can set or query Burst Power of Constellation in GSM Signal Analyzer

### **GSM:CONStellation:DATA:BISc**

Syntax: GSM:CONStellation:DATA:BISc

Parameter/Response:

Example: GSM:CONStellation:DATA:BISc?

Description:

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### **GSM:CONStellation:DATA:CNI**

Syntax: GSM:CONStellation:DATA:CNI

Parameter/Response:

Example: GSM:CONStellation:DATA:CNI?

Description:

### **GSM:CONStellation:DATA:SIZE**

Syntax: GSM:CONStellation:DATA:SIZE

Parameter/Response:

Example: GSM:CONStellation:DATA:SIZE?

Description: You can query Constellation Data Size in GSM Signal Analyzer

### **GSM:CONStellation:DATA:TSC**

Syntax: GSM:CONStellation:DATA:TSC

Parameter/Response:

Example: GSM:CONStellation:DATA:TSC?

Description:

### **GSM:CONStellation:DEMOde:ONOff**

Syntax: GSM:CONStellation:DEMOde:ONOff

Parameter/Response: Off|On

Example: GSM:CONStellation:DEMOde:ONOff On

Description: You can set Demode to on or off in Constellation measurement of GSM Signal Analyzer

### **GSM:CONStellation:DETECT:MBMS:NUMBER**

Syntax: GSM:CONStellation:DETECT:MBMS:NUMBER

Parameter/Response:

Example: GSM:CONStellation:DETECT:MBMS:NUMBER?

Description: You can query if MBMS number is being detected in Constellation measurement of GSM Signal Analyzer

### **GSM:CONStellation:DETECT:MODE**

Syntax: GSM:CONStellation:DETECT:MODE

Parameter/Response: Auto|GMSK|8PSK

Example: GSM:CONStellation:DETECT:MODE Auto

Description: You can set Detect Mode in Constellation measurement in GSM Signal Analyzer

---

### **GSM:CONStellation:DOWN:LINK:POWer:JUDGe**

Syntax: GSM:CONStellation:DOWN:LINK:POWer:JUDGe

Parameter/Response:

Example: GSM:CONStellation:DOWN:LINK:POWer:JUDGe?

Description: You can query pass or fail for the DL Power in Constellation measurement in GSM Signal Analyzer

### **GSM:CONStellation:FREQuency:ERRor:HZ**

Syntax: GSM:CONStellation:FREQuency:ERRor:HZ

Parameter/Response:

Example: GSM:CONStellation:FREQuency:ERRor:HZ?

Description: You can query Frequency Error in Hz for Constellation measurement in GSM Signal Analyzer

### **GSM:CONStellation:FREQuency:ERRor:JUDGe**

Syntax: GSM:CONStellation:FREQuency:ERRor:JUDGe

Parameter/Response:

Example: GSM:CONStellation:FREQuency:ERRor:JUDGe?

Description: You can query pass or fail for Frequency Error in Constellation measurement in GSM Signal Analyzer

### **GSM:CONStellation:IQORigin:OFFSet**

Syntax: GSM:CONStellation:IQORigin:OFFSet

Parameter/Response:

Example: GSM:CONStellation:IQORigin:OFFSet?

Description: You can query IQ Origin Offset in Constellation measurement in GSM Signal Analyzer

### **GSM:CONStellation:JUDGe**

Syntax: GSM:CONStellation:JUDGe

Parameter/Response:

Example: GSM:CONStellation:JUDGe?

Description: You can query pass or fail for Constellation in GSM Signal Analyzer

### **GSM:CONStellation:MODUlation:TYPE**

Syntax: GSM:CONStellation:MODUlation:TYPE

Parameter/Response:

Example: GSM:CONStellation:MODUlation:TYPE?

Description: You can query Modulation Type for Constellation in GSM Signal Analyzer

---

### **GSM:CONStellation:ONOFF**

Syntax: GSM:CONStellation:ONOFF

Parameter/Response: Off|On

Example: GSM:CONStellation:ONOFF On

Description: You can set Constellation to on or off in GSM Signal Analyzer

### **GSM:CONStellation:TIME:ERRor**

Syntax: GSM:CONStellation:TIME:ERRor

Parameter/Response:

Example: GSM:CONStellation:TIME:ERRor?

Description: You can query Time Error in Constellation measurement in GSM Signal Analyzer

### **GSM:CONStellation:TIME:ERRor:JUDGe**

Syntax: GSM:CONStellation:TIME:ERRor:JUDGe

Parameter/Response:

Example: GSM:CONStellation:TIME:ERRor:JUDGe?

Description: You can query pass or fail for the Time Error in Constellation measurement in GSM Signal Analyzer

### **GSM:DELay**

Syntax: GSM:DELay

Parameter/Response:

Example: GSM:DELay 10

Description: You can set Delay in GSM Signal Analyzer

### **GSM:DISPlay:ITEM**

Syntax: GSM:DISPlay:ITEM

Parameter/Response: [Power | EVM]

Example: GSM:DISPlay:ITEM Power

Description: You can set Display item in GSM Signal Analyzer

### **GSM:FREQuency:CENTer**

Syntax: GSM:FREQuency:CENTer

Parameter/Response:

Example: GSM:FREQuency:CENTer 1000 MHz

Description: You can set or query center frequency in GSM Signal Analyzer

### **GSM:FRSCanner:FREQuency:NUMBer**

Syntax: GSM:FRSCanner:FREQuency:NUMBer

Parameter/Response:

---

**Example:** `GSM:FRSCanner:FREQuency:NUMBer 10`

**Description:** You can set Number of Frequency for Frequency Scanner in GSM Signal Analyzer

### **GSM:FRSCanner:JUDGe**

**Syntax:** `GSM:FRSCanner:JUDGe`

**Parameter/Response:**

**Example:** `GSM:FRSCanner:JUDGe?`

**Description:** You can query pass or fail for Frequency Scanner in GSM Signal Analyzer

### **GSM:FRSCanner:RANGe:FREQuency:START**

**Syntax:** `GSM:FRSCanner:RANGe:FREQuency:START`

**Parameter/Response:**

**Example:** `GSM:FRSCanner:RANGe:FREQuency:START 462.0 MHz`

**Description:** You can set Start Frequency for Frequency Scanner in GSM Signal Analyzer

### **GSM:FRSCanner:RANGe:ZOOM:POS**

**Syntax:** `GSM:FRSCanner:RANGe:ZOOM:POS`

**Parameter/Response:**

**Example:** `GSM:FRSCanner:RANGe:ZOOM:POS 1`

**Description:** You can set Zoom Position for Frequency Scanner in GSM Signal Analyzer

### **GSM:HOLD**

**Syntax:** `GSM:HOLD`

**Parameter/Response:** [Off | On]

**Example:** `GSM:HOLD On`

**Description:** You can set/release Hold in GSM Signal Analyzer

### **GSM:HOLD:EVENT**

**Syntax:** `GSM:HOLD:EVENT`

**Parameter/Response:** [Off | On]

**Example:** `GSM:HOLD:EVENT Off`

**Description:** You can set On or Off for Event Hold in GSM Signal Analyzer

### **GSM:HW:SOURce:CLOCK:SElect**

**Syntax:** `GSM:HW:SOURce:CLOCK:SElect`

**Parameter/Response:** Internal|External|GNSS|TEM2|AutoSelect

**Example:** `GSM:HW:SOURce:CLOCK:SElect External`

**Description:** You can set frequency reference from External, Internal, or GNSS in GSM Signal Analyzer



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### **GSM:LIMit:CHANnel:POWer:HIGH**

Syntax: GSM:LIMit:CHANnel:POWer:HIGH

Parameter/Response:

Example: GSM:LIMit:CHANnel:POWer:HIGH 32

Description: You can set high limit of Channel Power in GSM Signal Analyzer

### **GSM:LIMit:CHANnel:POWer:LOW**

Syntax: GSM:LIMit:CHANnel:POWer:LOW

Parameter/Response:

Example: GSM:LIMit:CHANnel:POWer:LOW 30

Description: You can set low limit of Channel Power in GSM Signal Analyzer

### **GSM:LIMit:CHANnel:POWer:MODE**

Syntax: GSM:LIMit:CHANnel:POWer:MODE

Parameter/Response: [Off | On]

Example: GSM:LIMit:CHANnel:POWer:MODE Off

Description: You can set Limit On or Off in Channel Power Measurement of GSM Signal Analyzer

### **GSM:LIMit:CHANnel:SCANner:HIGH**

Syntax: GSM:LIMit:CHANnel:SCANner:HIGH

Parameter/Response:

Example: GSM:LIMit:CHANnel:SCANner:HIGH 30

Description: You can set high limit of Channel Scanner in GSM Signal Analyzer

### **GSM:LIMit:CHANnel:SCANner:MODE**

Syntax: GSM:LIMit:CHANnel:SCANner:MODE

Parameter/Response: [Off | On]

Example: GSM:LIMit:CHANnel:SCANner:MODE Off

Description: You can set Limit Line On or Off in Channel Scanner Measurement of GSM Signal Analyzer

### **GSM:LIMit:DATA:PEAK:EVM:HIGH**

Syntax: GSM:LIMit:DATA:PEAK:EVM:HIGH

Parameter/Response:

Example: GSM:LIMit:DATA:PEAK:EVM:HIGH 8

Description: You can set high limit of EVM data peak in GSM Signal Analyzer

### **GSM:LIMit:DATA:PEAK:EVM:MODE**

Syntax: GSM:LIMit:DATA:PEAK:EVM:MODE

Parameter/Response: [Off | On]

---

Example: `GSM:LIMit:DATA:PEAK:EVM:MODE Off`

Description: You can set limit on or off for EVM data peak in GSM Signal Analyzer

#### **GSM:LIMit:DATA:PMCH:QPSK:EVM:HIGh**

Syntax: `GSM:LIMit:DATA:PMCH:QPSK:EVM:HIGh`

Parameter/Response:

Example: `GSM:LIMit:DATA:PMCH:QPSK:EVM:HIGh 8`

Description: You can set high limit of EVM PMCH QPSK in GSM Signal Analyzer

#### **GSM:LIMit:DATA:RMS:EVM:HIGh**

Syntax: `GSM:LIMit:DATA:RMS:EVM:HIGh`

Parameter/Response:

Example: `GSM:LIMit:DATA:RMS:EVM:HIGh 8`

Description: You can set high limit of EVM data RMS in GSM Signal Analyzer

#### **GSM:LIMit:DATA:RMS:EVM:MODE**

Syntax: `GSM:LIMit:DATA:RMS:EVM:MODE`

Parameter/Response: [Off | On]

Example: `GSM:LIMit:DATA:RMS:EVM:MODE Off`

Description: You can set limit on or off for EVM data RMS in GSM Signal Analyzer

#### **GSM:LIMit:FRAME:AVERage:POWer:HIGh**

Syntax: `GSM:LIMit:FRAME:AVERage:POWer:HIGh`

Parameter/Response:

Example: `GSM:LIMit:FRAME:AVERage:POWer:HIGh -30`

Description: You can set high limit of frame average power in GSM Signal Analyzer

#### **GSM:LIMit:FRAME:AVERage:POWer:LOW**

Syntax: `GSM:LIMit:FRAME:AVERage:POWer:LOW`

Parameter/Response:

Example: `GSM:LIMit:FRAME:AVERage:POWer:LOW 30`

Description: You can set low limit of frame average power in GSM Signal Analyzer

#### **GSM:LIMit:FRAME:AVERage:POWer:MODE**

Syntax: `GSM:LIMit:FRAME:AVERage:POWer:MODE`

Parameter/Response: [Off | On]

Example: `GSM:LIMit:FRAME:AVERage:POWer:MODE Off`

Description: You can set limit on or off for Frame Average Power in GSM Signal Analyzer

---

### **GSM:LIMit:FREQuency:ERRor:HIGh**

Syntax: GSM:LIMit:FREQuency:ERRor:HIGh

Parameter/Response:

Example: GSM:LIMit:FREQuency:ERRor:HIGh 0.001

Description: You can set the High Limit for Frequency Error in GSM Signal Analyzer

### **GSM:LIMit:FREQuency:ERRor:LOW**

Syntax: GSM:LIMit:FREQuency:ERRor:LOW

Parameter/Response:

Example: GSM:LIMit:FREQuency:ERRor:LOW 30

Description: You can set the Low Limit for Frequency Error in GSM Signal Analyzer

### **GSM:LIMit:FREQuency:ERRor:MODE**

Syntax: GSM:LIMit:FREQuency:ERRor:MODE

Parameter/Response: [Off | On]

Example: GSM:LIMit:FREQuency:ERRor:MODE Off

Description: You can set the Frequency Error Limit to on or off in GSM Signal Analyzer

### **GSM:LIMit:IQ:ORIGin:OFFSet:HIGh**

Syntax: GSM:LIMit:IQ:ORIGin:OFFSet:HIGh

Parameter/Response:

Example: GSM:LIMit:IQ:ORIGin:OFFSet:HIGh 30

Description: You can set high limit of IQ Origin Offset in GSM Signal Analyzer

### **GSM:LIMit:IQ:ORIGin:OFFSet:MODE**

Syntax: GSM:LIMit:IQ:ORIGin:OFFSet:MODE

Parameter/Response: [Off | On]

Example: GSM:LIMit:IQ:ORIGin:OFFSet:MODE Off

Description: You can set limit on or off for IQ Origin Offset in GSM Signal Analyzer

### **GSM:LIMit:OCCupied:BW:HIGh**

Syntax: GSM:LIMit:OCCupied:BW:HIGh

Parameter/Response:

Example: GSM:LIMit:OCCupied:BW:HIGh 32

Description: You can set high limit of Occupied Bandwidth in GSM Signal Analyzer

---

### **GSM:LIMit:OCCupied:BW:MODE**

Syntax: GSM:LIMit:OCCupied:BW:MODE

Parameter/Response: [Off | On]

Example: GSM:LIMit:OCCupied:BW:MODE Off

Description: You can set limit on or off for Occupied Bandwidth in GSM Signal Analyzer

### **GSM:LIMit:OFF:POWer:HIGH**

Syntax: GSM:LIMit:OFF:POWer:HIGH

Parameter/Response:

Example: GSM:LIMit:OFF:POWer:HIGH 32

Description: You can set high limit of Off Power in GSM Signal Analyzer

### **GSM:LIMit:OFF:POWer:MODE**

Syntax: GSM:LIMit:OFF:POWer:MODE

Parameter/Response: [Off | On]

Example: GSM:LIMit:OFF:POWer:MODE Off

Description: You can set limit on or off for Off Power in GSM Signal Analyze

### **GSM:LIMit:SEM:MODE**

Syntax: GSM:LIMit:SEM:MODE

Parameter/Response: [Off | On]

Example: GSM:LIMit:SEM:MODE Off

Description: You can set limit on or off for Spectrum Emission Mask in GSM Signal Analyzer

### **GSM:LIMit:SLOT:AVERAge:POWer:HIGH**

Syntax: GSM:LIMit:SLOT:AVERAge:POWer:HIGH

Parameter/Response:

Example: GSM:LIMit:SLOT:AVERAge:POWer:HIGH 32

Description: You can set high limit of Slot average power in GSM Signal Analyzer

### **GSM:LIMit:SLOT:AVERAge:POWer:LOW**

Syntax: GSM:LIMit:SLOT:AVERAge:POWer:LOW

Parameter/Response:

Example: GSM:LIMit:SLOT:AVERAge:POWer:LOW 30

Description: You can set low limit of Slot average power in GSM Signal Analyzer

### **GSM:LIMit:SLOT:AVERAge:POWer:MODE**

Syntax: GSM:LIMit:SLOT:AVERAge:POWer:MODE

---

Parameter/Response: [Off | On]

Example: `GSM:LIMit:SLOT:AVERAge:POWEr:MODE Off`

Description: You can set limit on or off for Slot Average Power in GSM Signal Analyzer

#### **GSM:LIMit:SPURious:MODE**

Syntax: `GSM:LIMit:SPURious:MODE`

Parameter/Response: [Off | On]

Example: `GSM:LIMit:SPURious:MODE Off`

Description: You can set limit on or off for Spurious Emissions in GSM Signal Analyzer

#### **GSM:LIMit:SUBFrame:POWEr:HIGh**

Syntax: `GSM:LIMit:SUBFrame:POWEr:HIGh`

Parameter/Response:

Example: `GSM:LIMit:SUBFrame:POWEr:HIGh -30`

Description: You can set high limit of Subframe power in GSM Signal Analyzer

#### **GSM:LIMit:SUBFrame:POWEr:LOW**

Syntax: `GSM:LIMit:SUBFrame:POWEr:LOW`

Parameter/Response:

Example: `GSM:LIMit:SUBFrame:POWEr:LOW 30`

Description: You can set low limit of Subframe power in GSM Signal Analyzer

#### **GSM:LIMit:SUBFrame:POWEr:MODE**

Syntax: `GSM:LIMit:SUBFrame:POWEr:MODE`

Parameter/Response: [Off | On]

Example: `GSM:LIMit:SUBFrame:POWEr:MODE Off`

Description: You can set limit on or off for Subframe Power in GSM Signal Analyzer

#### **GSM:LIMit:TRANSition:PERiod:HIGh**

Syntax: `GSM:LIMit:TRANSition:PERiod:HIGh`

Parameter/Response:

Example: `GSM:LIMit:TRANSition:PERiod:HIGh 16`

Description: You can set high limit of Transition Period in GSM Signal Analyzer

#### **GSM:LIMit:TRANSition:PERiod:MODE**

Syntax: `GSM:LIMit:TRANSition:PERiod:MODE`

Parameter/Response: [Off | On]

Example: `GSM:LIMit:TRANSition:PERiod:MODE Off`

Description: You can set limit on or off for Transition Period in GSM Signal Analyzer

---

### **GSM:MAP:INDEX:RS:SINR:FAIR**

Syntax: GSM:MAP:INDEX:RS:SINR:FAIR

Parameter/Response:

Example: GSM:MAP:INDEX:RS:SINR:FAIR -25

Description: You can set Fair Index for RS-SINR in GSM Signal Analyzer

### **GSM:MARKer#:ALWays:PEAK**

Syntax: GSM:MARKer#:ALWays:PEAK

Parameter/Response:

Example: GSM:MARKer01:ALWays:PEAK 1000 MHz

Description: You can set always Peak to Marker# in GSM Signal Analyzer

### **GSM:MARKer#:FREQuency**

Syntax: GSM:MARKer#:FREQuency

Parameter/Response:

Example: GSM:MARKer01:FREQuency 1000 MHz

Description: You can query Marker Frequency in GSM Signal Analyzer

### **GSM:MARKer#:FREQuency:DELTA**

Syntax: GSM:MARKer#:FREQuency:DELTA

Parameter/Response:

Example: GSM:MARKer01:FREQuency:DELTA 1000 MHz

Description: You can set Delta Marker Frequency in GSM Signal Analyzer

### **GSM:MARKer#:FREQuency:DELTA:RELative**

Syntax: GSM:MARKer#:FREQuency:DELTA:RELative

Parameter/Response:

Example: GSM:MARKer01:FREQuency:DELTA:RELative 1000 MHz

Description: You can set Delta Marker Relative Frequency in GSM Signal Analyzer

### **GSM:MARKer#:INDEX**

Syntax: GSM:MARKer#:INDEX

Parameter/Response:

Example: GSM:MARKer1:INDEX 15

Description: You can set marker number index in GSM Signal Analyzer

### **GSM:MARKer#:TYPE**

Syntax: GSM:MARKer#:TYPE

Parameter/Response:

Example: GSM:MARKer01:TYPE Delta

---

Description: You can set maker type options from Normal, Delta, and Delta Pair in GSM Signal Analyzer

#### **GSM:MARKer#:VIEW**

Syntax: GSM:MARKer#:VIEW

Parameter/Response:

Example: GSM:MARKer01:VIEW Off

Description: You can set On / Off or query marker view in GSM Signal Analyzer

#### **GSM:MARKer:CHANnel:CONTRol:SElect**

Syntax: GSM:MARKer:CHANnel:CONTRol:SElect

Parameter/Response: [PSS | SSS | PBCH | PCFICH | PHICH | PDCCH | MBSFNRS | RS | RS0 | RS1 | RS2 | RS3]

Example: GSM:MARKer:CHANnel:CONTRol:SElect PSS

Description: You can select one of the Control Channel for Constellation in Control Channel measurement in GSM Signal Analyzer

#### **GSM:MARKer:CHANnel:CONTRol:VIEW**

Syntax: GSM:MARKer:CHANnel:CONTRol:VIEW

Parameter/Response: [Off | On]

Example: GSM:MARKer:CHANnel:CONTRol:VIEW On

Description: You can set On or Off the Marker in Control Channel measurement in GSM Signal Analyzer

#### **GSM:MARKer:CHANnel:DATA:RB:NUMBER**

Syntax: GSM:MARKer:CHANnel:DATA:RB:NUMBER

Parameter/Response:

Example: GSM:MARKer:CHANnel:DATA:RB:NUMBER 3

Description: You can set Marker for RB number of Data Channel measurement in GSM Signal Analyzer

#### **GSM:MARKer:CHANnel:DATA:VIEW**

Syntax: GSM:MARKer:CHANnel:DATA:VIEW

Parameter/Response: [Off | On]

Example: GSM:MARKer:CHANnel:DATA:VIEW On

Description: You can set On or Off the Marker View in Data Channel measurement of GSM Signal Analyzer

#### **GSM:MARKer:MOVE:CENTer**

Syntax: GSM:MARKer:MOVE:CENTer

Parameter/Response:

Example: GSM:MARKer:MOVE:CENTer

Description: You can set marker to move to cener in GSM Signal Analyzer

---

### **GSM:MARKer:MOVE:START**

Syntax: GSM:MARKer:MOVE:START

Parameter/Response:

Example: GSM:MARKer:MOVE:START

Description: You can set Start Frequency to Marker position in GSM Signal Analyzer

### **GSM:MARKer:MOVE:STOP**

Syntax: GSM:MARKer:MOVE:STOP

Parameter/Response:

Example: GSM:MARKer:MOVE:STOP

Description: You can set Stop Frequency to Marker position in GSM Signal Analyzer

### **GSM:MARKer:OFF:ALL**

Syntax: GSM:MARKer:OFF:ALL

Parameter/Response:

Example: GSM:MARKer:OFF:ALL

Description: You can set Marker All Off in GSM Signal Analyzer

### **GSM:MARKer:SEARch:LEFT**

Syntax: GSM:MARKer:SEARch:LEFT

Parameter/Response:

Example: GSM:MARKer:SEARch:LEFT

Description: You can set marker to Next Peak Left in GSM Signal Analyzer

### **GSM:MARKer:SEARch:MIN**

Syntax: GSM:MARKer:SEARch:MIN

Parameter/Response:

Example: GSM:MARKer:SEARch:MIN

Description: You can set marker to Min Search in GSM Signal Analyzer

### **GSM:MARKer:SEARch:NEXT**

Syntax: GSM:MARKer:SEARch:NEXT

Parameter/Response:

Example: GSM:MARKer:SEARch:NEXT

Description: You can set marker to Next Peak in GSM Signal Analyzer

### **GSM:MARKer:SEARch:PEAK**

Syntax: GSM:MARKer:SEARch:PEAK



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Parameter/Response:

Example: `GSM:MARKer:SEARch:PEAK`

Description: You can set marker to Peak Search in GSM Signal Analyzer

#### **GSM:MARKer:SEARch:RIGHT**

Syntax: `GSM:MARKer:SEARch:RIGHT`

Parameter/Response:

Example: `GSM:MARKer:SEARch:RIGHT`

Description: You can set marker to Next Peak Right in GSM Signal Analyzer

#### **GSM:MARKer:SElect**

Syntax: `GSM:MARKer:SElect`

Parameter/Response: [Marker01 | Marker02 | Marker03 | Marker04 | Marker05 | Marker06]

Example: `GSM:MARKer:SElect Marker01`

Description: You can select marker from 1 to 6 in GSM Signal Analyzer

#### **GSM:MARKer:SYMBol:SElect**

Syntax: `GSM:MARKer:SYMBol:SElect`

Parameter/Response:

Example: `GSM:MARKer:SYMBol:SElect 12`

Description: You can select Symbol No. in GSM Signal Analyzer

#### **GSM:MASK:TYPE**

Syntax: `GSM:MASK:TYPE`

Parameter/Response: [WideAreaBSCategoryA | WideAreaBSCategoryB | LocalAreaBS | HomeBS]

Example: `GSM:MASK:TYPE WideAreaBSCategoryA`

Description:

#### **GSM:MEASure:RESet**

Syntax: `GSM:MEASure:RESet`

Parameter/Response:

Example: `GSM:MEASure:RESet`

Description: You can reset measure in GSM Signal Analyzer

#### **GSM:MODE**

Syntax: `GSM:MODE`

Parameter/Response:

`spectrum|channelPower|occupiedBW|spectrumEmissionMask|oututRfSectrum|spuriousEmissionMask|otaChannelScanner|otaFrequencyScanner|otaMultipathProfile|otaModulationAnalyzer|constellation|powerVSTimeSlot|powerVSTimeFrame`

Example: `GSM:MODE channelPower`

---

Description: You can set measurement mode in GSM Signal Analyzer

### **GSM:MULTiple:METHod**

Syntax: GSM:MULTiple:METHod

Parameter/Response:

Example: GSM:MULTiple:METHod 99

Description: You can set Multiple Method in GSM Signal Analyzer

### **GSM:OCCUpied:BW:AVERage**

Syntax: GSM:OCCUpied:BW:AVERage

Parameter/Response:

Example: GSM:OCCUpied:BW:AVERage?

Description: You can query Average number in Occupied Bandwidth measurement in GSM Signal Analyzer

### **GSM:OCCUpied:BW:MARKer#:DELTA:FREQuency**

Syntax: GSM:OCCUpied:BW:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: GSM:OCCUpied:BW:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Occupied Bandwidth measurement in GSM Signal Analyzer

### **GSM:OCCUpied:BW:MARKer#:DELTA:POWER**

Syntax: GSM:OCCUpied:BW:MARKer#:DELTA:POWER

Parameter/Response:

Example: GSM:OCCUpied:BW:MARKer1:DELTA:POWER?

Description: You can query Delta Marker Power in Occupied Bandwidth measurement in GSM Signal Analyzer

### **GSM:OCCUpied:BW:MARKer#:DISPlay:FREQuency**

Syntax: GSM:OCCUpied:BW:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: GSM:OCCUpied:BW:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Occupied Bandwidth measurement in GSM Signal Analyzer

### **GSM:OCCUpied:BW:MARKer#:FREQuency**

Syntax: GSM:OCCUpied:BW:MARKer#:FREQuency

Parameter/Response:

Example: GSM:OCCUpied:BW:MARKer1:FREQuency?

Description: You can query Marker Frequency in Occupied Bandwidth measurement in GSM Signal Analyzer

---

### **GSM:OCCUpied:BW:MARKer#:POWER**

Syntax: GSM:OCCUpied:BW:MARKer#:POWER

Parameter/Response:

Example: GSM:OCCUpied:BW:MARKer1:POWER?

Description: You can query Power of Marker# in OBW measurement in GSM Signal Analyzer

### **GSM:OCCUpied:BW:TRACe:DATA**

Syntax: GSM:OCCUpied:BW:TRACe:DATA

Parameter/Response:

Example: GSM:OCCUpied:BW:TRACe:DATA?

Description: You can query Trace Data in Occupied Bandwidth Measurement in GSM Signal Analyzer

### **GSM:OCCUpied:BW**

Syntax: GSM:OCCUpied:BW

Parameter/Response:

Example: GSM:OCCUpied:BW?

Description: You can query Occupied Bandwidth in GSM Signal Analyzer

### **GSM:OCCUpied:BW:INTegrated:POWER**

Syntax: GSM:OCCUpied:BW:INTegrated:POWER

Parameter/Response:

Example: GSM:OCCUpied:BW:INTegrated:POWER?

Description: You can query Integrated Power in Occupied Bandwidth measurement in GSM Signal Analyzer

### **GSM:OCCUpied:BW:JUDGe**

Syntax: GSM:OCCUpied:BW:JUDGe

Parameter/Response:

Example: GSM:OCCUpied:BW:JUDGe?

Description: You can query pass or fail for Occupied Bandwidth in GSM Signal Analyzer

### **GSM:OCCUpied:BW:OCCUpied:POWER**

Syntax: GSM:OCCUpied:BW:OCCUpied:POWER

Parameter/Response:

Example: GSM:OCCUpied:BW:OCCUpied:POWER?

Description: You can query Occupied Power in Occupied Bandwidth measurement in GSM Signal Analyzer

---

### **GSM:OCCupied:BW:XDB:BW**

Syntax: GSM:OCCupied:BW:XDB:BW

Parameter/Response:

Example: GSM:OCCupied:BW:XDB:BW?

Description: You can query xDB Bandwidth in Occupied Bandwidth Measurement in GSM Signal Analyzer

### **GSM:ORSP:AVERage**

Syntax: GSM:ORSP:AVERage

Parameter/Response:

Example: GSM:ORSP:AVERage?

Description: You can query Average number for Output RF Spectrum measurement in GSM Signal Analyzer

### **GSM:ORSP:MARKer#:DELTA:FREQuency**

Syntax: GSM:ORSP:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: GSM:ORSP:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Output RF Spectrum measurement in GSM Signal Analyzer

### **GSM:ORSP:MARKer#:DELTA:POWER**

Syntax: GSM:ORSP:MARKer#:DELTA:POWER

Parameter/Response:

Example: GSM:ORSP:MARKer1:DELTA:POWER?

Description: You can query Delta Marker Power for Output RF Spectrum measurement in GSM Signal Analyzer

### **GSM:ORSP:MARKer#:DISPlay:FREQuency**

Syntax: GSM:ORSP:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: GSM:ORSP:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Output RF Spectrum measurement in GSM Signal Analyzer

### **GSM:ORSP:MARKer#:FREQuency**

Syntax: GSM:ORSP:MARKer#:FREQuency

Parameter/Response:

Example: GSM:ORSP:MARKer1:FREQuency?

Description: You can query Marker Frequency in Output RF Spectrum measurement in GSM Signal Analyzer

---

### **GSM:ORSP:MARKer#:POWER**

Syntax: GSM:ORSP:MARKer#:POWER

Parameter/Response:

Example: GSM:ORSP:MARKer1:POWER?

Description: You can query Power of Marker# for Output RF Spectrum Measurement in GSM Signal Analyzer

### **GSM:ORSP:TRACe:DATA**

Syntax: GSM:ORSP:TRACe:DATA

Parameter/Response:

Example: GSM:ORSP:TRACe:DATA?

Description: You can query Trace Data of Output RF Spectrum Measurement in GSM Signal Analyzer

### **GSM:OTA:CHANnel:SCANner:CHANnel:POWER:ORDER#**

Syntax: GSM:OTA:CHANnel:SCANner:CHANnel:POWER:ORDER#

Parameter/Response:

Example: GSM:OTA:CHANnel:SCANner:CHANnel:POWER:ORDER6?

Description: You can query Channel Power in OTA Channel Scanner measurement of GSM Signal Analyzer

### **GSM:OTA:CHANnel:SCANner:RS:SINR:POWER:ORDER#**

Syntax: GSM:OTA:CHANnel:SCANner:RS:SINR:POWER:ORDER#

Parameter/Response:

Example: GSM:OTA:CHANnel:SCANner:RS:SINR:POWER:ORDER6?

Description: You can query RS-SINR Power in OTA Channel Scanner measurement of GSM Signal Analyzer

### **GSM:OTA:CHANnel:SCANner:RSRP:POWER:ORDER#**

Syntax: GSM:OTA:CHANnel:SCANner:RSRP:POWER:ORDER#

Parameter/Response:

Example: GSM:OTA:CHANnel:SCANner:RSRP:POWER:ORDER6?

Description: You can query RSRP Power in OTA Channel Scanner measurement in GSM Signal Analyzer

### **GSM:OTA:CHANnel:SCANner:RSRQ:POWER:ORDER#**

Syntax: GSM:OTA:CHANnel:SCANner:RSRQ:POWER:ORDER#

Parameter/Response:

Example: GSM:OTA:CHANnel:SCANner:RSRQ:POWER:ORDER6?

Description: You can query RSRQ Power in OTA Channel Scanner measurement in GSM Signal Analyzer

---

### **GSM:OTA:CHANnel:SCANner:RSSI:POWer:ORDer#**

Syntax: GSM:OTA:CHANnel:SCANner:RSSI:POWer:ORDer#

Parameter/Response:

Example: GSM:OTA:CHANnel:SCANner:RSSI:POWer:ORDer6?

Description: You can query RSSI Power in OTA Channel Scanner measurement in GSM Signal Analyzer

### **GSM:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDer#**

Syntax: GSM:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDer#

Parameter/Response:

Example: GSM:OTA:CHANnel:SCANner:SS:SINR:POWer:ORDer6?

Description: You can query SS-SINR Power in OTA Channel Scanner measurement of LTE in GSM Signal Analyzer

### **GSM:OTA:MULTipath:MBMS:ECIO:DATA**

Syntax: GSM:OTA:MULTipath:MBMS:ECIO:DATA

Parameter/Response:

Example: GSM:OTA:MULTipath:MBMS:ECIO:DATA?

Description: You can query Ec/Io trace of MBMS in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:PSS:DELay:ORDer#**

Syntax: GSM:OTA:MULTipath:PSS:DELay:ORDer#

Parameter/Response:

Example: GSM:OTA:MULTipath:PSS:DELay:ORDer06?

Description: You can query PSS Delay in OTA Multipath profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:DELay:ANTenna0#**

Syntax: GSM:OTA:MULTipath:RS:DELay:ANTenna0#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:DELay:ANTenna006?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:DELay:ANTenna1#**

Syntax: GSM:OTA:MULTipath:RS:DELay:ANTenna1#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:DELay:ANTenna106?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of GSM Signal Analyzer

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### **GSM:OTA:MULTipath:RS:DElay:ANTenna2#**

Syntax: GSM:OTA:MULTipath:RS:DElay:ANTenna2#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:DElay:ANTenna206?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:DElay:ANTenna3#**

Syntax: GSM:OTA:MULTipath:RS:DElay:ANTenna3#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:DElay:ANTenna306?

Description: You can query RS Delay in the selected antenna number in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:ECIO:ANTenna0:DATA**

Syntax: GSM:OTA:MULTipath:RS:ECIO:ANTenna0:DATA

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:ECIO:ANTenna0:DATA?

Description: You can query RS Ec/Io trace of Antenna 0 in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:ECIO:ANTenna1:DATA**

Syntax: GSM:OTA:MULTipath:RS:ECIO:ANTenna1:DATA

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:ECIO:ANTenna1:DATA?

Description: You can query RS Ec/Io trace of Antenna 1 in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:ECIO:ANTenna2:DATA**

Syntax: GSM:OTA:MULTipath:RS:ECIO:ANTenna2:DATA

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:ECIO:ANTenna2:DATA?

Description: You can query RS Ec/Io trace of Antenna 2 in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:ECIO:ANTenna3:DATA**

Syntax: GSM:OTA:MULTipath:RS:ECIO:ANTenna3:DATA

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:ECIO:ANTenna3:DATA?

Description: You can query RS Ec/Io trace of Antenna 3 in OTA Multipath Profile measurement of GSM Signal Analyzer

---

### **GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna0#**

Syntax: GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna0#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna006?

Description: You can query RS Ec/Io Power of Antenna0# in OTA Multipath Profile measurement in GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna1#**

Syntax: GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna1#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna106?

Description: You can query RS Ec/Io Power of Antenna1# in OTA Multipath Profile measurement in GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna2#**

Syntax: GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna2#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna206?

Description: You can query RS Ec/Io Power of Antenna2# in OTA Multipath Profile measurement in GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna3#**

Syntax: GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna3#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:ECIO:POWer:ANTenna306?

Description: You can query RS Ec/Io Power of Antenna3# in OTA Multipath Profile measurement in GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:MBMS:DElay:ORDer#**

Syntax: GSM:OTA:MULTipath:RS:MBMS:DElay:ORDer#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:MBMS:DElay:ORDer06?

Description: You can query MBMS RS Delay in OTA Multipath profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:RS:MBMS:ECIO:ORDer#**

Syntax: GSM:OTA:MULTipath:RS:MBMS:ECIO:ORDer#

Parameter/Response:

Example: GSM:OTA:MULTipath:RS:MBMS:ECIO:ORDer06?

Description: You can query MBMS RS Ec/Io of Order# in OTA Multipath Profile measurement of GSM Signal Analyzer



---

### **GSM:OTA:MULTipath:SSS:DELaY:ORDeR#**

Syntax: GSM:OTA:MULTipath:SSS:DELaY:ORDeR#

Parameter/Response:

Example: GSM:OTA:MULTipath:SSS:DELaY:ORDeR06?

Description: You can query SSS Delay in OTA Multipath profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:SYNC:PSS:ECIO:DATA**

Syntax: GSM:OTA:MULTipath:SYNC:PSS:ECIO:DATA

Parameter/Response:

Example: GSM:OTA:MULTipath:SYNC:PSS:ECIO:DATA?

Description: You can query Sync PSS Ec/Io trace in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:SYNC:PSS:ECIO:ORDeR#**

Syntax: GSM:OTA:MULTipath:SYNC:PSS:ECIO:ORDeR#

Parameter/Response:

Example: GSM:OTA:MULTipath:SYNC:PSS:ECIO:ORDeR06?

Description: You can query Sync PSS Ec/Io of Order# in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:SYNC:SSS:ECIO:DATA**

Syntax: GSM:OTA:MULTipath:SYNC:SSS:ECIO:DATA

Parameter/Response:

Example: GSM:OTA:MULTipath:SYNC:SSS:ECIO:DATA?

Description: You can query Sync SSS Ec/Io trace in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:OTA:MULTipath:SYNC:SSS:ECIO:ORDeR#**

Syntax: GSM:OTA:MULTipath:SYNC:SSS:ECIO:ORDeR#

Parameter/Response:

Example: GSM:OTA:MULTipath:SYNC:SSS:ECIO:ORDeR06?

Description: You can query Sync SSS Ec/Io of Order# in OTA Multipath Profile measurement of GSM Signal Analyzer

### **GSM:PORT:NTYPE:USE**

Syntax: GSM:PORT:NTYPE:USE

Parameter/Response: [Off | On]

Example: GSM:PORT:NTYPE:USE On

Description: You can set N-Type Port to On or Off in GSM Signal Analyzer

---

### **GSM:POSition:SElect**

Syntax: GSM:POSition:SElect

Parameter/Response:

Example: GSM:POSition:SElect 300

Description: You can select Position for Datagram in GSM Signal Analyzer

### **GSM:PRESet**

Syntax: GSM:PRESet

Parameter/Response:

Example: GSM:PRESet

Description: You can preset GSM Signal Analyzer mode

### **GSM:PRESet:MEASure**

Syntax: GSM:PRESet:MEASure

Parameter/Response:

Example: GSM:PRESet:MEASure

Description: You can preset measurement in GSM Signal Analyzer

### **GSM:PVST:FRAME:AVERage:POWer**

Syntax: GSM:PVST:FRAME:AVERage:POWer

Parameter/Response:

Example: GSM:PVST:FRAME:AVERage:POWer?

Description: You can query Average Power in Power vs Time(Frame) measurement in GSM Signal Analyzer

### **GSM:PVST:FRAME:FRAME:AVERage:POWer:JUDGe**

Syntax: GSM:PVST:FRAME:FRAME:AVERage:POWer:JUDGe

Parameter/Response:

Example: GSM:PVST:FRAME:FRAME:AVERage:POWer:JUDGe?

Description: You can query pass or fail for the Frame Average Power in Power vs Time (Frame) measurement in GSM Signal Analyzer

### **GSM:PVST:FRAME:GP:POWer**

Syntax: GSM:PVST:FRAME:GP:POWer

Parameter/Response:

Example: GSM:PVST:FRAME:GP:POWer?

Description: You can query GP Power in Power vs Time (Frame) measurement of GSM Analyzer

### **GSM:PVST:FRAME:IQ:ORIGin:OFFSet**

Syntax: GSM:PVST:FRAME:IQ:ORIGin:OFFSet

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Parameter/Response:

Example: `GSM:PVST:FRAME:IQ:ORIGin:OFFSet?`

Description: You can query IQ Origin Offset in Power vs Time (Frame) measurement in GSM Signal Analyzer

#### **GSM:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe**

Syntax: `GSM:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe`

Parameter/Response:

Example: `GSM:PVST:FRAME:IQ:ORIGin:OFFSet:JUDGe?`

Description: You can query pass or fail for IQ Origin Offset in Power vs Time (Frame) measurement in GSM Signal Analyzer

#### **GSM:PVST:FRAME:JUDGe**

Syntax: `GSM:PVST:FRAME:JUDGe`

Parameter/Response:

Example: `GSM:PVST:FRAME:JUDGe?`

Description: You can query pass or fail for Power vs Time (Frame) measurement in GSM Signal Analyzer

#### **GSM:PVST:FRAME:PTS:POWer:DOWN**

Syntax: `GSM:PVST:FRAME:PTS:POWer:DOWN`

Parameter/Response:

Example: `GSM:PVST:FRAME:PTS:POWer:DOWN?`

Description: You can query DWPTS Power in Power vs Time (Frame) measurement of GSM Analyzer

#### **GSM:PVST:FRAME:PTS:POWer:UP**

Syntax: `GSM:PVST:FRAME:PTS:POWer:UP`

Parameter/Response:

Example: `GSM:PVST:FRAME:PTS:POWer:UP?`

Description: You can query upPTS Power in Power vs Time(Frame) measurement of GSM Signal Analyzer

#### **GSM:PVST:FRAME:SLOT:POWer:FIRSt**

Syntax: `GSM:PVST:FRAME:SLOT:POWer:FIRSt`

Parameter/Response:

Example: `GSM:PVST:FRAME:SLOT:POWer:FIRSt?`

Description: You can query First Slot Power in Power vs Time (Frame) measurement in GSM Signal Analyzer

#### **GSM:PVST:FRAME:SLOT:POWer:SECond**

Syntax: `GSM:PVST:FRAME:SLOT:POWer:SECond`

Parameter/Response:

---

**Example:** GSM:PVST:FRAME:SLOT:POWer:SECond?

**Description:** You can query Second Slot Power in Power vs Time (Frame) measurement in GSM Signal Analyzer

#### **GSM:PVST:FRAME:SUBFrame:POWer**

**Syntax:** GSM:PVST:FRAME:SUBFrame:POWer

**Parameter/Response:**

**Example:** GSM:PVST:FRAME:SUBFrame:POWer?

**Description:** You can query Subframe Pwer in Power vs Time (Frame) measurement in GSM Signal Analyzer

#### **GSM:PVST:FRAME:SUBFrame:POWer:JUDGe**

**Syntax:** GSM:PVST:FRAME:SUBFrame:POWer:JUDGe

**Parameter/Response:**

**Example:** GSM:PVST:FRAME:SUBFrame:POWer:JUDGe?

**Description:** You can query pass or fail of Subframe Pwer in Power vs Time (Frame) measurement in GSM Signal Analyzer

#### **GSM:PVST:FRAME:TIME:OFFSet**

**Syntax:** GSM:PVST:FRAME:TIME:OFFSet

**Parameter/Response:**

**Example:** GSM:PVST:FRAME:TIME:OFFSet?

**Description:** You can query Time Offset in Power vs Time(Frame) measurement in GSM Signal Analyzer

#### **GSM:PVST:FRAME:TIME:OFFSet:JUDGe**

**Syntax:** GSM:PVST:FRAME:TIME:OFFSet:JUDGe

**Parameter/Response:**

**Example:** GSM:PVST:FRAME:TIME:OFFSet:JUDGe?

**Description:** You can query pass or fail for Time Offset in Power vs Time(Frame) measurement in GSM Signal Analyzer

#### **GSM:PVST:SLOT:AVERAge:POWer**

**Syntax:** GSM:PVST:SLOT:AVERAge:POWer

**Parameter/Response:**

**Example:** GSM:PVST:SLOT:AVERAge:POWer?

**Description:** You can query Slot Average Power in Power vs Time measurement of GSM Signal Analyzer

#### **GSM:PVST:SLOT:AVERAge:POWer:JUDGe**

**Syntax:** GSM:PVST:SLOT:AVERAge:POWer:JUDGe

**Parameter/Response:**

**Example:** GSM:PVST:SLOT:AVERAge:POWer:JUDGe?

---

Description: You can query pass or fail of Slot Average Power in Power vs Time measurement of GSM Signal Analyzer

#### **GSM:PVST:SLOT:JUDGE**

Syntax: GSM:PVST:SLOT:JUDGE

Parameter/Response:

Example: GSM:PVST:SLOT:JUDGE?

Description: You can query pass or fail of Power vs Time (Slot) in GSM Signal Analyzer

#### **GSM:PVST:SLOT:OFF:POWER:OFF:TO:ON**

Syntax: GSM:PVST:SLOT:OFF:POWER:OFF:TO:ON

Parameter/Response:

Example: GSM:PVST:SLOT:OFF:POWER:OFF:TO:ON?

Description: You can query Off Power when Off-to-On in Power vs Time(Slot) measurement of GSM Signal Analyzer

#### **GSM:PVST:SLOT:OFF:POWER:OFF:TO:ON:JUDGE**

Syntax: GSM:PVST:SLOT:OFF:POWER:OFF:TO:ON:JUDGE

Parameter/Response:

Example: GSM:PVST:SLOT:OFF:POWER:OFF:TO:ON:JUDGE?

Description: You can query pass or fail for Off Power when Off-to-On in Power vs Time(Slot) measurement of GSM Signal Analyzer

#### **GSM:PVST:SLOT:OFF:POWER:ON:TO:OFF**

Syntax: GSM:PVST:SLOT:OFF:POWER:ON:TO:OFF

Parameter/Response:

Example: GSM:PVST:SLOT:OFF:POWER:ON:TO:OFF?

Description: You can query Off Power when On-to-Off in Power vs Time(Slot) measurement of GSM Signal Analyzer

#### **GSM:PVST:SLOT:OFF:POWER:ON:TO:OFF:JUDGE**

Syntax: GSM:PVST:SLOT:OFF:POWER:ON:TO:OFF:JUDGE

Parameter/Response:

Example: GSM:PVST:SLOT:OFF:POWER:ON:TO:OFF:JUDGE?

Description: You can query pass or fail for Off Power when On-to-Off in Power vs Time(Slot) measurement of GSM Signal Analyzer

#### **GSM:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON**

Syntax: GSM:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON

Parameter/Response:

Example: GSM:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON?

---

Description: You can query Transition Period Length when Off-to-On in Power vs Time(Slot) measurement of GSM Signal Analyzer

#### **GSM:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON:JUDGe**

Syntax: GSM:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON:JUDGe

Parameter/Response:

Example:

GSM:PVST:SLOT:TRANSition:PERiod:LENGth:OFF:TO:ON:JUDGe?

Description: You can query pass or fail for Transition Period Length when Off-to-On in Power vs Time(Slot) measurement of GSM Signal Analyzer

#### **GSM:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF**

Syntax: GSM:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF

Parameter/Response:

Example: GSM:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF?

Description: You can query Transition Period Length when On-to-Off in Power vs Time(Slot) measurement of GSM Signal Analyzer

#### **GSM:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF:JUDGe**

Syntax: GSM:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF:JUDGe

Parameter/Response:

Example:

GSM:PVST:SLOT:TRANSition:PERiod:LENGth:ON:TO:OFF:JUDGe?

Description: You can query pass or fail for Transition Period Length when On-to-Off in Power vs Time(Slot) measurement of GSM Signal Analyzer

#### **GSM:RS:WINDow:SElect**

Syntax: GSM:RS:WINDow:SElect

Parameter/Response: [2us | 4us | 8us]

Example: GSM:RS:WINDow:SElect '8us'

Description: You can select RS Window in GSM Signal Analyzer

#### **GSM:SCALE:AUTO**

Syntax: GSM:SCALE:AUTO

Parameter/Response:

Example: GSM:SCALE:AUTO

Description: You can set auto scale in GSM Signal Analyzer

#### **GSM:SE:AVERage**

Syntax: GSM:SE:AVERage

Parameter/Response:

Example: GSM:SE:AVERage?

---

Description: : You can query Average number in Spurious Emissions in GSM Signal Analyzer

#### **GSM:SE:JUDGe**

Syntax: GSM:SE:JUDGe

Parameter/Response:

Example: GSM:SE:JUDGe?

Description: You can query pass or fail for Spurious Emissions in GSM Signal Analyzer

#### **GSM:SE:MARKer#:DELTA:FREQuency**

Syntax: GSM:SE:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: GSM:SE:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:MARKer#:DELTA:POWER**

Syntax: GSM:SE:MARKer#:DELTA:POWER

Parameter/Response:

Example: GSM:SE:MARKer1:DELTA:POWER?

Description: You can query Delta Marker Power for Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:MARKer#:DISPlay:FREQuency**

Syntax: GSM:SE:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: GSM:SE:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:MARKer#:FREQuency**

Syntax: GSM:SE:MARKer#:FREQuency

Parameter/Response:

Example: GSM:SE:MARKer1:FREQuency?

Description: You can query Marker Frequency in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:MARKer#:POWER**

Syntax: GSM:SE:MARKer#:POWER

Parameter/Response:

Example: GSM:SE:MARKer1:POWER?

---

Description: You can query Power of Marker# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:MEASure:TYPE**

Syntax: GSM:SE:MEASure:TYPE

Parameter/Response: [Examine | Full]

Example: GSM:SE:MEASure:TYPE Examine

Description: You can set Measurement Type in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:PEAK#:FREQuency**

Syntax: GSM:SE:PEAK#:FREQuency

Parameter/Response:

Example: GSM:SE:PEAK20:FREQuency?

Description: You can query Peak Frequency in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:PEAK#:POWer**

Syntax: GSM:SE:PEAK#:POWer

Parameter/Response:

Example: GSM:SE:PEAK20:POWer?

Description: You can query Peak Power in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:PEAK#:RANGe**

Syntax: GSM:SE:PEAK#:RANGe

Parameter/Response:

Example: GSM:SE:PEAK20:RANGe?

Description: You can query Peak Frequency of Range in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe#:ATTenuation**

Syntax: GSM:SE:RANGe#:ATTenuation

Parameter/Response:

Example: GSM:SE:RANGe09:ATTenuation 30

Description: You can set attenuation value of Range# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe#:FREQuency:STARt**

Syntax: GSM:SE:RANGe#:FREQuency:STARt

Parameter/Response:

Example: GSM:SE:RANGe09:FREQuency:STARt 1.23 GHz



---

Description: You can set Start Frequency of Range# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe#:FREQuency:STOP**

Syntax: GSM:SE:RANGe#:FREQuency:STOP

Parameter/Response:

Example: GSM:SE:RANGe09:FREQuency:STOP 1.23 GHz

Description: You can set Stop Frequency of Range# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe#:LIMit:START**

Syntax: GSM:SE:RANGe#:LIMit:START

Parameter/Response:

Example: GSM:SE:RANGe09:LIMit:START -30

Description: You can set Start Limit of Range# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe#:LIMit:STOP**

Syntax: GSM:SE:RANGe#:LIMit:STOP

Parameter/Response:

Example: GSM:SE:RANGe09:LIMit:STOP -30

Description: You can set Stop Limit of Range# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe#:MODE**

Syntax: GSM:SE:RANGe#:MODE

Parameter/Response:

Example: GSM:SE:RANGe09:MODE Off

Description: You can set On or Off for the Range# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe#:RBW**

Syntax: GSM:SE:RANGe#:RBW

Parameter/Response:

Example: GSM:SE:RANGe09:RBW 30

Description: You can set RBW of Range# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe#:VBW**

Syntax: GSM:SE:RANGe#:VBW

Parameter/Response:

Example: GSM:SE:RANGe09:VBW 30 kHz

---

Description: You can set VBW of Range# in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe:MEASure:SElect**

Syntax: GSM:SE:RANGe:MEASure:SElect

Parameter/Response: [Range01 | Range02 | Range03 | Range04 | Range05 | Range06 | Range07 | Range08 | Range09 | Range10 | Range11 | Range12 | Range13 | Range14 | Range15 | Range16 | Range17 | Range18 | Range19 | Range20]

Example: GSM:SE:RANGe:MEASure:SElect Range20

Description: You can select Range in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:RANGe:SElect**

Syntax: GSM:SE:RANGe:SElect

Parameter/Response: [Range01 | Range02 | Range03 | Range04 | Range05 | Range06 | Range07 | Range08 | Range09 | Range10 | Range11 | Range12 | Range13 | Range14 | Range15 | Range16 | Range17 | Range18 | Range19 | Range20]

Example: GSM:SE:RANGe:SElect Range20

Description: You can select Range No. in Spurious Emissions measurement in GSM Signal Analyzer

#### **GSM:SE:TRACe:DATA**

Syntax: GSM:SE:TRACe:DATA

Parameter/Response:

Example: GSM:SE:TRACe:DATA?

Description: You can query Trace Data in Spurious Emissions Measurement in GSM Signal Analyzer

#### **GSM:SEM:AVERage**

Syntax: GSM:SEM:AVERage

Parameter/Response:

Example: GSM:SEM:AVERage?

Description: You can query Average number in Spectrum Emmission Mask in GSM Signal Analyzer

#### **GSM:SEM:JUDGe**

Syntax: GSM:SEM:JUDGe

Parameter/Response:

Example: GSM:SEM:JUDGe?

Description: You can query pass or fail for Spectrum Emmission Mask in GSM Signal Analyzer

---

### **GSM:SEM:MARKer#:DELTA:FREQUENCY**

Syntax: GSM:SEM:MARKer#:DELTA:FREQUENCY

Parameter/Response:

Example: GSM:SEM:MARKer1:DELTA:FREQUENCY?

Description: You can query Spectrum Emission Mask Delta marker frequency in GSM Signal Analyzer

### **GSM:SEM:MARKer#:DELTA:POWER**

Syntax: GSM:SEM:MARKer#:DELTA:POWER

Parameter/Response:

Example: GSM:SEM:MARKer1:DELTA:POWER?

Description: You can query Delta Marker Power in Spectrum Emission Mask measurement in GSM Signal Analyzer

### **GSM:SEM:MARKer#:DISPLAY:FREQUENCY**

Syntax: GSM:SEM:MARKer#:DISPLAY:FREQUENCY

Parameter/Response:

Example: GSM:SEM:MARKer1:DISPLAY:FREQUENCY?

Description: You can query Displayed Frequency of Marker# in Spectrum Emission Mask measurement in GSM Signal Analyzer

### **GSM:SEM:MARKer#:FREQUENCY**

Syntax: GSM:SEM:MARKer#:FREQUENCY

Parameter/Response:

Example: GSM:SEM:MARKer1:FREQUENCY?

Description: You can query Marker Frequency in Spectrum Emission Mask measurement in GSM Signal Analyzer

### **GSM:SEM:MARKer#:POWER**

Syntax: GSM:SEM:MARKer#:POWER

Parameter/Response:

Example: GSM:SEM:MARKer1:POWER?

Description: You can query Power of Marker# in Spectrum Emission Mask measurement in GSM Signal Analyzer

### **GSM:SEM:PEAK:LOWer#:JUDGE**

Syntax: GSM:SEM:PEAK:LOWer#:JUDGE

Parameter/Response:

Example: GSM:SEM:PEAK:LOWer05:JUDGE?

Description: You can query pass or fail for the power of lower peak for Spurious Emission Mask in GSM Signal Analyzer

---

### **GSM:SEM:PEAK:LOWer#:POWer**

Syntax: GSM:SEM:PEAK:LOWer#:POWer

Parameter/Response:

Example: GSM:SEM:PEAK:LOWer05:POWer?

Description: You can query power of lower peak for Spurious Emission Mask of LTE in GSM Signal Analyzer

### **GSM:SEM:PEAK:UPPer#:JUDGe**

Syntax: GSM:SEM:PEAK:UPPer#:JUDGe

Parameter/Response:

Example: GSM:SEM:PEAK:UPPer05:JUDGe?

Description: You can query pass or fail for the Power of Upper Peak in Spectrum Emission Mask measurement in GSM Signal Analyzer

### **GSM:SEM:PEAK:UPPer#:POWer**

Syntax: GSM:SEM:PEAK:UPPer#:POWer

Parameter/Response:

Example: GSM:SEM:PEAK:UPPer05:POWer?

Description: You can query power of upper peak for Spurious Emission Mask in GSM Signal Analyzer

### **GSM:SEM:REFeRence:POWer**

Syntax: GSM:SEM:REFeRence:POWer

Parameter/Response:

Example: GSM:SEM:REFeRence:POWer?

Description: You can query Reference Power for Spectrum Emission Mask measurement in GSM Signal Analyzer

### **GSM:SEM:TRACe:DATA**

Syntax: GSM:SEM:TRACe:DATA

Parameter/Response:

Example: GSM:SEM:TRACe:DATA?

Description: You can query Trace Data in Spectrum Emission Mask measurement in GSM Signal Analyzer

### **GSM:SLOT:NUMBer**

Syntax: GSM:SLOT:NUMBer

Parameter/Response:

Example: GSM:SLOT:NUMBer 3

Description: You can set the slot number in GSM Signal Analyzer

---

### **GSM:SPECTrum:AVERage**

Syntax: GSM:SPECTrum:AVERage

Parameter/Response:

Example: GSM:SPECTrum:AVERage?

Description: You can query Average number in Spectrum measurement in GSM Signal Analyzer

### **GSM:SPECTrum:MARKer#:DELTA:FREQuency**

Syntax: GSM:SPECTrum:MARKer#:DELTA:FREQuency

Parameter/Response:

Example: GSM:SPECTrum:MARKer1:DELTA:FREQuency?

Description: You can query Delta Marker Frequency for Spectrum measurement in GSM Signal Analyzer

### **GSM:SPECTrum:MARKer#:DELTA:POWER**

Syntax: GSM:SPECTrum:MARKer#:DELTA:POWER

Parameter/Response:

Example: GSM:SPECTrum:MARKer1:DELTA:POWER?

Description: You can query Delta Marker Power in Spectrum measurement in GSM Signal Analyzer

### **GSM:SPECTrum:MARKer#:DISPlay:FREQuency**

Syntax: GSM:SPECTrum:MARKer#:DISPlay:FREQuency

Parameter/Response:

Example: GSM:SPECTrum:MARKer1:DISPlay:FREQuency?

Description: You can query Displayed Frequency of Marker# in Spectrum measurement in GSM Signal Analyzer

### **GSM:SPECTrum:MARKer#:FREQuency**

Syntax: GSM:SPECTrum:MARKer#:FREQuency

Parameter/Response:

Example: GSM:SPECTrum:MARKer1:FREQuency?

Description: You can query Marker Frequency in Spectrum measurement in GSM Signal Analyzer

### **GSM:SPECTrum:MARKer#:POWER**

Syntax: GSM:SPECTrum:MARKer#:POWER

Parameter/Response:

Example: GSM:SPECTrum:MARKer1:POWER?

Description: You can query Power of Marker# in Spectrum measurement in GSM Signal Analyzer

---

### **GSM:SPECTrum:POWer**

Syntax: GSM:SPECTrum:POWer

Parameter/Response:

Example: GSM:SPECTrum:POWer?

Description: You can query power for Spectrum in GSM Signal Analyzer

### **GSM:SPECTrum:TRACe:DATA**

Syntax: GSM:SPECTrum:TRACe:DATA

Parameter/Response:

Example: GSM:SPECTrum:TRACe:DATA?

Description: You can query Trace Data for Spectrum Measurement in GSM Signal Analyzer

### **GSM:SUBFrame:MARKer:VIEW**

Syntax: GSM:SUBFrame:MARKer:VIEW

Parameter/Response: [Off | On]

Example: GSM:SUBFrame:MARKer:VIEW On

Description: You can set the Marker View to on or off in GSM Signal Analyzer

### **GSM: SUBFrame:NUMBer**

Syntax: GSM:SUBFrame:NUMBer

Parameter/Response:

Example: GSM:SUBFrame:NUMBer 7

Description: You can set the Subframe number in GSM Signal Analyzer

### **GSM:SUBFrame:SPECial**

Syntax: GSM:SUBFrame:SPECial

Parameter/Response:

Example: GSM:SUBFrame:SPECial 9

Description: You can set Special Subframe No. in GSM Signal Analyzer

### **GSM:SWEEp:MODE**

Syntax: GSM:SWEEp:MODE

Parameter/Response: [Continue | Single]

Example: GSM:SWEEp:MODE Single

Description: You can set sweep mode to Continue or Single in GSM Signal Analyzer

### **GSM:SWEEp:ONCE**

Syntax: GSM:SWEEp:ONCE

Parameter/Response:

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Example: `GSM:SWEEP:ONCE`

Description: You can set sweep once in GSM Signal Analyzer

### **GSM:TIME:SLOT:SElect**

Syntax: `GSM:TIME:SLOT:SElect`

Parameter/Response:

`TimeSlot0|TimeSlot1|TimeSlot2|TimeSlot3|TimeSlot4|TimeSlot5|TimeSlot6|TimeSlot7`

Example: `GSM:TIME:SLOT:SElect 'TimeSlot0'`

Description: You can set Time Slot in in GSM Signal Analyzer

### **GSM:TRACe#:INFOrmation:ATTenuation**

Syntax: `GSM:TRACe#:INFOrmation:ATTenuation`

Parameter/Response:

Example: `GSM:TRACe1:INFOrmation:ATTenuation?`

Description: You can query trace# attenuation information in GSM Signal Analyzer

### **GSM:TRACe#:INFOrmation:AVERage**

Syntax: `GSM:TRACe#:INFOrmation:AVERage`

Parameter/Response:

Example: `GSM:TRACe1:INFOrmation:AVERage?`

Description: You can query trace average number information in GSM Signal Analyzer

### **GSM:TRACe#:INFOrmation:DETector**

Syntax: `GSM:TRACe#:INFOrmation:DETector`

Parameter/Response:

Example: `GSM:TRACe1:INFOrmation:DETector?`

Description: You can get Detector Information of Trace# in GSM Signal Analyzer

### **GSM:TRACe#:INFOrmation:EXTernal**

Syntax: `GSM:TRACe#:INFOrmation:EXTernal`

Parameter/Response:

Example: `GSM:TRACe1:INFOrmation:EXTernal?`

Description: You can get Exteneral Trace# Information in GSM Signal Analyzer

### **GSM:TRACe#:INFOrmation:RBW**

Syntax: `GSM:TRACe#:INFOrmation:RBW`

Parameter/Response:

Example: `GSM:TRACe1:INFOrmation:RBW?`

Description: You can get the RBW of trace in GSM Signal Analyzer

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### **GSM:TRACe#:INFOrmation:VBW**

Syntax: GSM:TRACe#:INFOrmation:VBW

Parameter/Response:

Example: GSM:TRACe1:INFOrmation:VBW?

Description: You can get the VBW of trace in GSM Signal Analyzer

### **GSM:TRACe#:TYPE**

Syntax: GSM:TRACe#:TYPE

Parameter/Response:

Example: GSM:TRACe01:TYPE On

Description: You can set or query trace type in GSM Signal Analyzer

### **GSM:TRACe#:VIEW**

Syntax: GSM:TRACe#:VIEW

Parameter/Response:

Example: GSM:TRACe01:VIEW On

Description: You can set On/Off or query trace view in GSM Signal Analyzer

### **GSM:TRACe:CAPTure**

Syntax: GSM:TRACe:CAPTure

Parameter/Response:

Example: GSM:TRACe:CAPTure

Description: You can set to capture the selected trace in GSM Signal Analyzer

### **GSM:TRACe:CLEAR:ALL**

Syntax: GSM:TRACe:CLEAR:ALL

Parameter/Response:

Example: GSM:TRACe:CLEAR:ALL

Description: You can set the trace clear all in GSM Signal Analyzer

### **GSM:TRACe:HOLD:TIME**

Syntax: GSM:TRACe:HOLD:TIME

Parameter/Response:

Example: GSM:TRACe:HOLD:TIME 6

Description: You can set or query Trace Hold Time in GSM Signal Analyzer

### **GSM:TRACe:INFOrmation**

Syntax: GSM:TRACe:INFOrmation

Parameter/Response: [None | Trace01 | Trace02 | Trace03 | Trace04 | Trace05 | Trace06]

Example: GSM:TRACe:INFOrmation Trace06



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Description: You can set trace information in GSM Signal Analyzer

### **GSM:TRACe:SElect**

Syntax: GSM:TRACe:SElect

Parameter/Response: [Trace01 | Trace02 | Trace03 | Trace04 | Trace05 | Trace06]

Example: GSM:TRACe:SElect Trace01

Description: You can set or query trace in GSM Signal Analyzer

### **GSM:TRIGger:MODE**

Syntax: GSM:TRIGger:MODE

Parameter/Response: RFBurst | Free | External | InternalFB | GNSS

Example: GSM:TRIGger:MODE External

Description: You can set the trigger mode from the above options in GSM Signal Analyzer

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## Appendix

The appendix lists the channel standard based on the index number for CellAdvisor 5G and OneAdvisor 800 Radio Analysis Module. You can check the table below to map index number to the corresponding channel standard.

Index	Channel Standard
0	CDMA - Band 0 (800)
1	CDMA - Band 1 (NA PCS)
2	CDMA - Band 2 (TACS)
3	CDMA - Band 3 (JTACS)
4	CDMA - Band 4 (KR PCS)
5	CDMA - Band 5 (450)
6	CDMA - Band 6 (2100)
7	CDMA - Band 7 (700)
8	CDMA - Band 8 (1800)
9	CDMA - Band 9 (900)
10	CDMA - Band 10 (2nd 800)
100	GSM - GSM 450
101	GSM - GSM 480
102	GSM - GSM 850
103	GSM - P-GSM 900
104	GSM - E-GSM 900
105	GSM - R-GSM 900
106	GSM - R-GSM 900 (China)
107	GSM - DCS 1800
108	GSM - PCS 1900
200	LTE-FDD - Band Global
201	LTE-FDD - Band 1 (2100)
202	LTE-FDD - Band 2 (1900)
203	LTE-FDD - Band 3 (1800)
204	LTE-FDD - Band 4 (1700)
205	LTE-FDD - Band 5 (850)
206	LTE-FDD - Band 7 (2600)

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207	LTE-FDD - Band 8 (900)
208	LTE-FDD - Band 9 (1800)
209	LTE-FDD - Band 10 (1700)
210	LTE-FDD - Band 11 (1500)
211	LTE-FDD - Band 12 (700)
212	LTE-FDD - Band 13 (700)
213	LTE-FDD - Band 14 (700)
214	LTE-FDD - Band 17 (700)
215	LTE-FDD - Band 18 (800)
216	LTE-FDD - Band 19 (800)
217	LTE-FDD - Band 20 (800)
218	LTE-FDD - Band 21 (1500)
219	LTE-FDD - Band 22 (3500)
220	LTE-FDD - Band 23 (2100)
221	LTE-FDD - Band 24 (1500)
222	LTE-FDD - Band 25 (1900)
223	LTE-FDD - Band 26 (800)
224	LTE-FDD - Band 27 (800)
225	LTE-FDD - Band 28 (700)
226	LTE-FDD - Band 29 (900)
227	LTE-FDD - Band 30 (2300)
228	LTE-FDD - Band 31 (450)
229	LTE-FDD - Band 32 (1500)
230	LTE-FDD - Band 65 (2100)
231	LTE-FDD - Band 66 (1700)
232	LTE-FDD - Band 67 (700)
233	LTE-FDD - Band 68 (700)
234	LTE-FDD - Band 69 (2500)
235	LTE-FDD - Band 70 (1700)
236	LTE-FDD - Band 71 (600)
237	LTE-FDD - Band 72 (450)
300	LTE-TDD - Band Global

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301	LTE-TDD - Band 33 (1900)
302	LTE-TDD - Band 34 (2010)
303	LTE-TDD - Band 35 (1850)
304	LTE-TDD - Band 36 (1930)
305	LTE-TDD - Band 37 (1910)
306	LTE-TDD - Band 38 (2570)
307	LTE-TDD - Band 39 (1880)
308	LTE-TDD - Band 40 (2300)
309	LTE-TDD - Band 41 (2496)
310	LTE-TDD - Band 42 (3400)
311	LTE-TDD - Band 43 (3600)
312	LTE-TDD - Band 44 (700)
313	LTE-TDD - Band 45 (1500)
314	LTE-TDD - Band 46 (6000)
315	LTE-TDD - Band 47 (6000)
316	LTE-TDD - Band 48 (3600)
400	TD-SCDMA - FBN 0
401	TD-SCDMA - FBN 1
402	TD-SCDMA - FBN 2
403	TD-SCDMA - FBN 3
404	TD-SCDMA - FBN 4
405	TD-SCDMA - FBN 5
406	TD-SCDMA - FBN 6
407	TD-SCDMA - FBN 7
408	TD-SCDMA - FBN 8
500	WCDMA - Band Global
501	WCDMA - Band 1 (2100-General)
502	WCDMA - Band 2 (1900-General)
503	WCDMA - Band 2 (1900-Additional)
504	WCDMA - Band 3 (1800-General)
505	WCDMA - Band 4 (1700-General)
506	WCDMA - Band 4 (1700-Additional)

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507	WCDMA - Band 5 (850-General)
508	WCDMA - Band 5 (850-Additional)
509	WCDMA - Band 6 (800-General)
510	WCDMA - Band 6 (800-Additional)
511	WCDMA - Band 7 (2600-General)
512	WCDMA - Band 7 (2600-Additional)
513	WCDMA - Band 8 (900-General)
514	WCDMA - Band 9 (1800-General)
515	WCDMA - Band 10 (1700-General)
516	WCDMA - Band 10 (1700-Additional)
517	WCDMA - Band 11 (1476-General)
518	WCDMA - Band 12 (729-General)
519	WCDMA - Band 12 (729-Additional)
520	WCDMA - Band 13 (746-General)
521	WCDMA - Band 13 (746-Additional)
522	WCDMA - Band 14 (758-General)
523	WCDMA - Band 14 (758-Additional)
524	WCDMA - Band 19 (800-General)
525	WCDMA - Band 19 (800-Additional)
526	WCDMA - Band 20 (800-General)
527	WCDMA - Band 21 (1500-General)
528	WCDMA - Band 21 (3500-General)
529	WCDMA - Band 25 (1900-General)
530	WCDMA - Band 25 (1900-Additional)
531	WCDMA - Band 26 (1900-General)
532	WCDMA - Band 26 (1900-Additional)
600	WIMAX - ProfR1 (1.25 2150)
601	WIMAX - ProfR2 (1.25 2305)
602	WIMAX - ProfR3 (1.25 2361)
603	WIMAX - ProfR4 (1.25 2500)
604	WIMAX - ProfR5 (1.25 3400)
605	WIMAX - ProfR6 (3.5 2598)

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606	WIMAX - ProfR7 (3.5 3461)
607	WIMAX - ProfR8 (3.5 3551)
608	WIMAX - ProfR9 (3.5 3651)
609	WIMAX - ProfR10 (3.5 3751)
610	WIMAX - ProfR11 (7 2600)
611	WIMAX - ProfR12 (7 3463)
612	WIMAX - ProfR13 (7 3553)
613	WIMAX - ProfR14 (7 3653)
614	WIMAX - ProfR15 (7 3753)
615	WIMAX - ProfR26 (10 5275)
616	WIMAX - ProfR27 (10 5740)
617	WIMAX - ProfR28 (10 5735)
618	WIMAX - ProfR29 (8.75 2304)
700	5G NR - Band Global
701	5G NR - Band n1 (2100)
702	5G NR - Band n2 (1900 PCS)
703	5G NR - Band n3 (1800)
704	5G NR - Band n5 (850)
705	5G NR - Band n7 (2600)
706	5G NR - Band n8 (900)
707	5G NR - Band n12 (700 a)
708	5G NR - Band n20 (800)
709	5G NR - Band n25 (1900+)
710	5G NR - Band n28 (700 APT)
711	5G NR - Band n34 (TD 2000)
712	5G NR - Band n38 (TD 2600)
713	5G NR - Band n39 (TD 1900+)
714	5G NR - Band n40 (TD 2300)
715	5G NR - Band n41 (TD 2500)
717	5G NR - Band n51 (TD 1500-)
718	5G NR - Band n66 (AWS-3)
719	5G NR - Band n70 (AWS-4)

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720	5G NR - Band n71 (600)
721	5G NR - Band n75 (DL 1500+)
722	5G NR - Band n76 (DL 1500-)
723	5G NR - Band n77 (TD 3700)
724	5G NR - Band n78 (TD 3500)
725	5G NR - Band n79 (TD 4500)
726	5G NR - Band n80 (UL 1800)
727	5G NR - Band n81 (UL 900)
728	5G NR - Band n82 (UL 800)
729	5G NR - Band n83 (UL 700)
730	5G NR - Band n84 (UL 2000)
731	5G NR - Band n86 (UL 1800-)
732	5G NR - Band n257 (28 GHz)
733	5G NR - Band n258 (26 GHz)
734	5G NR - Band n260 (39 GHz)
735	5G NR - Band n261 (28 GHz)

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